

20000216.qrp v01_n733.qrl.20000216

Date: Wed, 16 Feb 2000 19:03:09 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1733

QRP-L Digest 1733

Topics covered in this issue include:

- 1) [63274] RE: MM from PA
by Mike Gipe <mgipe@reliablemeters.com>
- 2) [63275] FS or trade: wilderness KC1 keyer/counter
by "Kelly Ellison" <kelman@dialnet.net>
- 3) [63276] OT: Neat Tesla t-shirts
by dave.g0dja@psilink.co.uk (David J. Ackrill)
- 4) [63277] Re: tvi question
by dave.g0dja@psilink.co.uk (David J. Ackrill)
- 5) [63278] Re: SOC Spirituality
by dave.g0dja@psilink.co.uk (David J. Ackrill)
- 6) [63279] Re: Help w/balum
by dave.g0dja@psilink.co.uk (David J. Ackrill)
- 7) [63280] Re: SOC
by dave.g0dja@psilink.co.uk (David J. Ackrill)
- 8) [63281] Re: Receiver Tests/Dynamic Range-Help
by "Ed Hare, W1RFI (w1rfi@arrl.org)" <w1rfi@arrl.net>
- 9) [63282] INQUIRY: Are there two foxes tonight?
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 10) [63283] HW-8 + capacitors = Great receive on 40M
by Richard S McKee <kc8aon@juno.com>
- 11) [63284] FOX - NW7DX
by Monte Stark <ku7y@dri.edu>
- 12) [63285] Re: signing
by w4bws@juno.com
- 13) [63286] wanted 38-S
by tom whalen <wb5qyt@eFortress.com>
- 14) [63287] Info
by tom whalen <wb5qyt@eFortress.com>
- 15) [63288] Head Copy
by "Mike =?ISO-8859-1?Q?N=D8WDM"?= <michaelbstjames@email.msn.com>
- 16) [63289] Re: FOX - NW7DX
by K1JD@aol.com
- 17) [63290] Re: INQUIRY: Are there two foxes tonight?
by FrConrad@aol.com
- 18) [63291] Managing the list traffic
by "John J. McDonough" <wb8rcr@arrl.net>
- 19) [63292] Mobile CW

by Wayne Alexander <walexan@ipa.net>
20) [63293] K8DD/C6A calling Ben, NW7DX
by tom palmer <n1tp@worldnet.att.net>
21) [63294] iambic keyer
by "Bill Allen" <bill@pcatexas.com>
22) [63295] [FOX] Ben is amazing!
by Macstein@aol.com
23) [63296] Re: FOX - NW7DX
by K1JD@aol.com
24) [63297] Re: FOX - NW7DX
by tom palmer <n1tp@worldnet.att.net>
25) [63298] Re: Head Copy
by "Nick Kennedy" <nkennedy@tcainternet.com>
26) [63299] Tuna Tin QSO
by N10DL@aol.com
27) [63300] Re: FOX - NW7DX
by Shepherd@aol.com
28) [63301] Re: FOX - NW7DX
by "WB8QYY (DIZ) Dieter Gentzow" <wb8qyy@one.net>
29) [63302] FOX:THAT DARN WALL IS UP AGAIN IN NH
by N10DL@aol.com
30) [63303] Re: FOX - NW7DX
by Shepherd@aol.com
31) [63304] Fox: NW7DX's Results
by BenNW7DX@aol.com
32) [63305] Re: Talking on cell phone while driving...
by KD1YV <kd1yv@mindspring.com>
33) [63306] Question
by Rich Wilkerson <richqrp@home.com>
34) [63307] NW7DX's Log.
by tom palmer <n1tp@worldnet.att.net>
35) [63308] Re: Talking on cell phone while driving...
by KR0Y@aol.com
36) [63309] RE:FOX NW7DX
by N10DL@aol.com
37) [63310] Fox Hunt
by w2xn@juno.com
38) [63311] RE: Question
by "Mike Besemer (KG8L)" <kg8l@worldnet.att.net>
39) [63312] Re: iambic keyer
by "Rod, N0RC" <n0rc@yahoo.com>
40) [63313] Re: Talking on cell phone while driving...
by "Dan W. Dooley" <dandooley@pipeline.com>
41) [63314] Re: Talking on cell phone while driving...
by GE1am30092@aol.com
42) [63315] Re: Fox Hunt
by BenNW7DX@aol.com
43) [63316] Re: Talking on cell phone while driving...

- by KR0Y@aol.com
- 44) [63317] Re: Question
by Rich Wilkerson <richqrp@home.com>
- 45) [63318]
by "Dan Reynolds" <bcdlr13@home.com>
- 46) [63319] Schematic/manual
by Corky Kirk <w6ors@juno.com>
- 47) [63320] Re: iambic keyer
by "Robert Gutknecht" <kc2jz@netsync.net>
- 48) [63321] Re: QRP FORUMS: Atlanticon and Ft. Smith Coming up
by "George Heron N2APB" <n2apb@erols.com>
- 49) [63322] My apologies....
by GElam30092@aol.com
- 50) [63323] HTX-10 vs HTS-100
by "Michael Bower - N4NMR" <bowerm@ix.netcom.com>
- 51) [63324] Re: Question
by tbessler@OregonVOS.net (Tom Bessler)
- 52) [63325] Help with 2N2222 Variac (VF0) needed
by dphilbin@thegrid.net
- 53) [63326] Re:Zepp Antenna (was tvi question)
by "Cla KA0GKC" <ka0gkc@arrl.net>
- 54) [63327] fcc form
by Rich Wilkerson <richqrp@home.com>
- 55) [63328] Question
by "Dan Wolfe" <n4roa@mounet.com>
- 56) [63329] Re: FOX NW7DX
by Shepherd@aol.com
- 57) [63330] Re: Talking on cell phone while driving...
by Timothy Fiebig <k2tf@yahoo.com>
- 58) [63331] OT: Palm Pilot satellite tracker
by Peter_Simpson@ne.3com.com
- 59) [63332] Re: tvi question
by "Nick Kennedy" <nkennedy@tcainternet.com>
- 60) [63333] Head Copy
by Peter_Simpson@ne.3com.com
- 61) [63334] Re: Weather proofing a vertical
by "Pastor-kc1di" <ELBC@PIVOT.NET>
- 62) [63335] low loss small Re: Tuner wanted
by John R Kirby <n3aaz-qrp@juno.com>
- 63) [63336] Re: Head Copy
by Wa3ptg@aol.com
- 64) [63337] Ant Tuner question
by "The One and Only!" <mitch96@pobox.com>
- 65) [63338] Re: Talking on cell phone while driving...
by KR0Y@aol.com
- 66) [63339] FS 40 METER SHEILDED LOOP RECIEVER KIT
by "The One and Only!" <mitch96@pobox.com>
- 67) [63340] HB: HB Sierra Checks in to NOGA CW Net Tuesday but Fails KLN QN

I on Sunday

by Sam Billingsley <SBillingsley@usaninc.com>

- 68) [63341] FS:Wilderness Sierra w/5 Watt power mod
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 69) [63342] Re: FYBO / FUBAR: QRPp mayhem.
by Zack Lau <zlau@arrl.org>
- 70) [63343] Re: List:volume
by Dick Carroll <dixie@townsqrr.com>
- 71) [63344] ME T00, Re: Managing the list traffic
by John R Kirby <n3aaz-qrp@juno.com>
- 72) [63345] unsubscribe
by Kevin bowles <kevin@telecom.bm>
- 73) [63346] Re: HTX-10 vs HTS-100
by "Mike Yetsko" <myetsko@insydesw.com>
- 74) [63347] Re: Tuna Tin QSO
by "Ed Hare, W1RFI (w1rfi@arrl.org)" <w1rfi@arrl.net>
- 75) [63348] FS MINT HW-9
by Wayne A Smith <k8ff@juno.com>
- 76) [63349] Re: HTX-10 vs HTS-100
by Curt Milton <wb8yyy@yahoo.com>
- 77) [63350] Re: Air Variable Capacitors
by KR0Y@aol.com
- 78) [63351] Re: Head Copy
by "Dan W. Dooley" <dandooley@pipeline.com>
- 79) [63352] Re: Tuna Tin QSO
by "Pete (N9SSA)" <n9ssa@arrl.net>
- 80) [63353] Re: FOX NW7DX
by Monte Stark <ku7y@dri.edu>
- 81) [63354] mpf102/2n4416A
by "NA6E" <na6e@qsl.net>
- 82) [63355] Re: Tuna Tin QSO [Calculating Miles/Watt]
by "Pete (N9SSA)" <n9ssa@arrl.net>
- 83) [63356] Re: Tuna Tin QSO
by Richard Matthews <prm@hiwaay.net>
- 84) [63357] Re: Time to Unsubscribe?
by Robert Perkins <rperkins@gte.net>
- 85) [63358] ZK2CA 160 Meter Contact by K-2 #660
by wa7lnw@infowest.com
- 86) [63359] FS HTX-100 10m.
by Larry Kosch <larrykosch@glasscity.com>
- 87) [63360] FS: Sierra radio . . .
by "Wyman, Michael D" <michael.d.wyman@intel.com>
- 88) [63361] Re: Time to Unsubscribe?
by "Ron Smith" <resmith666@uswest.net>
- 89) [63362] Was 'Time to Unsubscribe?' now subject lines
by "Mike Yetsko" <myetsko@insydesw.com>
- 90) [63363] LAMARS HAMFEST
by "Bob Reynolds" <breynold@sigg.com>

- 91) [63364] Meet for a beer/coffee/ragchew?
by "Dillon, W" <w.dillon@ic.ac.uk>
- 92) [63365] QRP testignor
by RangerSF5@aol.com
- 93) [63366] QRP?
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
- 94) [63367] RCVR??
by ARDUJENSKI@aol.com
- 95) [63368] RE: mpf102/2n4416A
by "AI2Q Alex" <ai2q@ispchannel.com>
- 96) [63369] Twin-T AF Osc.
by KF4YYD@aol.com
- 97) [63370] Re: FOX NW7DX
by Shephed@aol.com
- 98) [63371] RE: Palm Pilot satellite tracker
by "AI2Q Alex" <ai2q@ispchannel.com>
- 99) [63372] OT: Netiquette and subject lines suggestion
by "Pete (N9SSA)" <n9ssa@arrl.net>
- 100) [63373] [FOX] Re: FOX NW7DX
by Macstein@aol.com
- 101) [63374] For Listkeeper..others pls disregard
by WB9MII@aol.com
- 102) [63375] Re: Time to Unsubscribe?
by "George T. Baker" <w5yr@att.net>
- 103) [63376] Re: FOX NW7DX
by Monte Stark <ku7y@dri.edu>
- 104) [63377] Re: FOX NW7DX
by Macstein@aol.com
- 105) [63378] Re: Phased Vertical Antennas
by "Bob Tellefsen" <n6wg@earthlink.net>
- 106) [63379] Re: Head copy
by Goran Hosinsky <hosinsky@jet.es>
- 107) [63380] hhhhhhhelp!!!!
by Marv Fagenson <k6hcj@juno.com>
- 108) [63381] OT: Time to Unsubscribe?
by Monte Stark <ku7y@dri.edu>
- 109) [63382] Oscilloscope
by "Dennis Johnson" <djohn@dwx.com>
- 110) [63383] WTB 4.194304 crystal sets
by James Skalski <jskalski@localnet.com>
- 111) [63384] Re: Fox NW7DX
by "Bob Tellefsen" <n6wg@earthlink.net>
- 112) [63385] Re: FOX NW7DX
by fred w2xn <w2xn@juno.com>
- 113) [63386] QRQ Net Sentences.
by Ed Loranger <we6w@qsl.net>
- 114) [63387] Re: WTB 4.194304 crystal sets
by "Bob Tellefsen" <n6wg@earthlink.net>

- 115) [63388] O-SCOPE HOW TO USE SITE
by ARDUJENSKI@aol.com
- 116) [63389] Black Cat Operating event
by Bruce Rattray <rattray@gpfn.sk.ca>
- 117) [63390] re:FS MINT HW-9
by Wayne A Smith <k8ff@juno.com>
- 118) [63391] Re: Oscilloscope
by Norm Melick <henmel@worldnet.att.net>
- 119) [63392] New Tests
by "Mugleston, Brad" <brad.mugleston@gwl.com>
- 120) [63393] OP: 10 meter frequencies?
by Kenneth Hoglund <hoglund@wfu.edu>
- 121) [63394] Re: FOX NW7DX
by Shephed@aol.com
- 122) [63395] Re: QRP wattmeter from the PIC SWR meter
by "Cla KA0GKC" <ka0gkc@arrl.net>
- 123) [63396] Re: New Tests
by Richard Matthews <prm@hiwaay.net>
- 124) [63397] Re: New Tests
by Thomas Isgro <k8cz@concentric.net>
- 125) [63398] OT: Re: Oscilloscope
by "Mike Yetsko" <myetsko@insydesw.com>
- 126) [63399] RE: New Tests
by "Mugleston, Brad" <brad.mugleston@gwl.com>
- 127) [63400] Re: New Tests
by "Mike Yetsko" <myetsko@insydesw.com>
- 128) [63401] Re: New Tests
by Thomas Isgro <k8cz@concentric.net>
- 129) [63402] RE: New Tests
by "Mugleston, Brad" <brad.mugleston@gwl.com>
- 130) [63403] Re: New Tests
by Thomas Isgro <k8cz@concentric.net>
- 131) [63404] RE: FS: Sierra radio . . . I goofed his email address
by "Wyman, Michael D" <michael.d.wyman@intel.com>
- 132) [63405] FS: RAC CycleMaster PC Board Kit & Optical Encoder
by "KA5T Larry Wise" <lewise@inetport.com>
- 133) [63406] 12V Gell Cell v. 13.8v power supplies?
by Dennis/WR4i <wr4i@mindspring.com>
- 134) [63407] Re: OP: 10 meter frequencies?
by Curt Milton <wb8yyy@yahoo.com>
- 135) [63408] FYBO Story is moved
by Jeff Grudin <grudin@vdb.com>
- 136) [63409] Oscilloscope
by "Dennis Johnson" <djohn@dw.com>
- 137) [63410] OT: Re: 12V Gell Cell v. 13.8v power supplies?
by "Mike Yetsko" <myetsko@insydesw.com>
- 138) [63411] QRP Moonbounce
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>

- 139) [63412] Re: 12V Gell Cell v. 13.8v power supplies?
by Curt Milton <wb8yyy@yahoo.com>
- 140) [63413] Re: HTX-10 vs HTS-100
by Bob Nielsen <nielsen@primenet.com>
- 141) [63414] Re: QRP Moonbounce
by Curt Milton <wb8yyy@yahoo.com>
- 142) [63415] Re: New Tests
by "Ron Smith" <resmith666@uswest.net>
- 143) [63416] OT: Credit for expired novice license
by "Mike Yetsko" <myetsko@insydesw.com>
- 144) [63417] Re: 12V Gell Cell v. 13.8v power supplies?
by Monte Stark <ku7y@dri.edu>
- 145) [63418] Re: New Tests
by "Mike Yetsko" <myetsko@insydesw.com>
- 146) [63419] New Call
by Clifton W Sikes <ab5uacw@juno.com>
- 147) [63420] Re: Tuna Tin QSO [Calculating Miles/Watt] - QSL Card QTH
by Larry Cahoon <wd3p@juno.com>
- 148) [63421] OT: For BRUCE!!!
by "Mike Yetsko" <myetsko@insydesw.com>
- 149) [63422] Re: Credit for expired novice license
by "Ron Smith" <resmith666@uswest.net>
- 150) [63423] Bruce
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
- 151) [63424] Re: QRP Moonbounce
by "Scott E. Olitsky" <solitsky@acsu.buffalo.edu>
- 152) [63425] Which FCC address
by Rich Wilkerson <richqrp@home.com>
- 153) [63426] RE: Bruce Muscolino
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
- 154) [63427] Re: Credit for expired novice license
by "Michael Bower - N4NMR" <bowerm@ix.netcom.com>
- 155) [63428] Re: New Tests
by Thomas Isgro <k8cz@concentric.net>

Date: Tue, 15 Feb 2000 16:09:56 -0800
From: Mike Gipe <mgipe@reliablemeters.com>
To: mgemm@mtechnologies.com, Mike Gipe <mgipe@reliablemeters.com>, qrp-
l@lehigh.edu
Subject: [63274] RE: MM from PA
Message-ID: <F988E2FF74F4D111A61F00A0C949D7A928E95E@mission>
MIME-Version: 1.0
Content-Type: text/plain;
charset="windows-1252"

ET --

>
> He was actually on a tanker at sea, about 100 miles out of
> Long Beach CA.....
> ...BTW it
> should be MA, not PA
> [g].
> Marshall Emm, N1FN

I think this is a new one for the foxhunts! Welcome Clint W1LP, and enjoy your cruise. ;-))

Also, looks like I miscopied MA as PA, thus reaffirming my status as a Second Class Operator!

72 xxxxx 75 xxxxxx 74 xxxxxx oh what the heck, best wishes,

Mike K1MG
SOC # 59

Date: Tue, 15 Feb 2000 18:11:32 -0600
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-1@Lehigh.edu>
Subject: [63275] FS or trade: wilderness KC1 keyer/counter
Message-ID: <200002160011.SAA16694@dialnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello:

If you missed out on Allen's. Here is another....

I have a KC1 that I am not going to use. I will also offer it for 30 bucks or trade it towards a CW filter of an Icom 746, or a Whiterook Paddle with keyer/memory. other QRP goodies considered.

Thank you,

Kelly Ellison - WB0WQS

Date: Wed, 16 Feb 2000 00:15:21 -0800
From: dave.g0dja@psilink.co.uk (David J. Ackrill)
To: qrp-l@lehigh.edu
Subject: [63276] OT: Neat Tesla t-shirts
Message-ID: <E12Ks77-0006F8-00@relay4.mail.uk.psi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>He comes off a bit strident, but his heart seems to be in the
>right place, and the more I read about Tesla, the more I think
>he would have been a QRPer.

!!!!

Tesla, a QRPer!

My goodness, let's say that he would possibly have been one of the most
'high power' QRPers in history then! Work out the power in some of his
coils. In the UK, you would not be able to have that ammount of RF knocking
about, or Electromagnetic energy either, without shielding. Look at what
happened to Marie Currie as well.....

A time of innocence as well as discovery.

A bit like saying that Marconi was a QRPer of his time. There were few
people using the airwaves, so he *must* have been QRP, as he was using less
power than many others....

Stands to reason, dunnit?

Cheers de Dave (G0DJA)

Date: Wed, 16 Feb 2000 00:15:14 -0800
From: dave.g0dja@psilink.co.uk (David J. Ackrill)
To: qrp-l@lehigh.edu
Subject: [63277] Re: tvi question
Message-ID: <E12Ks70-0006F8-00@relay4.mail.uk.psi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

>>Question----will using an end-fed
>> zepp feeding it with twin lead, make a differance with my

>>tvi problem?
>> Tnx es 73 Neil wa4chq

>Boy, is that a good question. I've always wondered what
>that unterminated conductor in the end-fed zepp is doing.
>Maybe L.B. or some other expert will enlighten us.

Moxon, in his book 'HF Antennas For All Locations' (RSGB) was, if I remember, not very impressed with a true 'Zepp'. I think he came to the conclusion that the main radiator needed something to be 'balanced' against.

>I guess if you had a center-fed zepp with good balance, your
>TVI would be reduced because the balanced currents in the
>feeder would cancel and it wouldn't radiate. But I don't
>know about the end-fed. (And I've run them on the air,
>too.)

OK - Here I wheel out my prejudice. What is a 'Center-fed zepp'?

It sounds like you mean a center fed doublet. In fact, a doublet where both sides are of equal length? If so, that's not, in my opinion, a Zepp of any description.....

In my opinion a Zepp has open wire feeder where only one side of the feeder goes to a length of wire at the end. In fact, correct me if I'm wrong someone please, the Zepp was dangled from a Zeppelin dirigible aircraft. No earth, nothing but the ladder line and a length of wire at the end. Sounding a bit like a 'J-Pole', but not quite.

In fact, even more 'not a Zepp', I've seen people describe Doublets fed with shorted stubs that they call 'Zepp' antennas!!!

So, please, let's call a spade a *&))\$=A3 shovel and a center fed dipole= (not necessarily a half wave dipole) a doublet rather than something like a 'double Zepp'. It's not big, and it's not clever.

;-)

Cheers de Dave (G0DJA)

Date: Wed, 16 Feb 2000 00:15:23 -0800
From: dave.g0dja@psilink.co.uk (David J. Ackrill)
To: qrp-1@lehigh.edu

Subject: [63278] Re: SOC Spirituality
Message-ID: <E12Ks7A-0006F8-00@relay4.mail.uk.psi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>I am thinking of forming
>an SOC CW meditation group
>Try not calling me on 14060

As an Agnostic, I'm with George on this one.

I don't believe that it will work.

;-)

de Dave (G0DJJA)

Date: Wed, 16 Feb 2000 00:15:19 -0800
From: dave.g0dja@psilink.co.uk (David J. Ackrill)
To: qrp-l@lehigh.edu
Subject: [63279] Re: Help w/balum
Message-ID: <E12Ks75-0006F8-00@relay4.mail.uk.psi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Excuse me, but what is a Balum?

I always though it was a Balun (short for 'Bal'anced to 'Un'balanced Transformer)

The problems with trying to test Baluns are that you really need two of them, as you need to be able to feed in and out at the right impedance etc.

However, if you have one of the MFJ Antenna Analysers and a range of resistors to provide the output impedance to mach the transformation ratio, then, with a bit of trial and error, you may discover the following;

The input impedance;
The output impedance;
The ratio of the input to the output.

BUT beware of complex impedances in the circuit. A later model MFJ analyser may point you in the right direction.

Hope this helps, a bit anyway.

Cheers de Dave (G0DJJA)

Date: Wed, 16 Feb 2000 00:15:12 -0800
From: dave.g0dja@psilink.co.uk (David J. Ackrill)
To: qrp-l@lehigh.edu
Subject: [63280] Re: SOC
Message-ID: <E12Ks6z-0006F8-00@relay4.mail.uk.psi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

"Larry H. Lyda" <wa4pjp@volstate.net> said:-

>I think I was already SOC before this thing started. It's a little hazy and
>fuzzy by I think it was "SOC" it to me in the 60's. But then again it could
>have been a dream.

Over here, although I was only a part time and 'mature' student at that, SOC
usually is an abbreviation of Society. As in The Golf Soc at college or
university.

Now, I never did have the time to set up an another society for flying kites
(with antennas on of course) and they wouldn't let me call it The Wind Soc
either. :-(

Something about either a bad pun, or a joke in poor taste. But then, when
you saw some of the 'good taste' that the full time students got up to.....
HI!

I know that there are two UK SOC members. Would anymore like to decloak, as
I get the Digest of this list and cutting and paste of the membership list
wont be easy. So, how about the UK Chapter of SOC? Or, if that's too few,
an overseas chapter. To arrange QRP on air meetings etc?

On a QRP Front (what - an on topic post? Wow) I'm still looking for help
about setting up the offset on my NorCal 20, anyone able to give me some
advice about the best/easiest way to set it up please? (I've tried the
method in the instructions, with little success) Also, I'd really like to
make an initial contact using the rig, not DX or anything daft, just so as
to be able to get an on-air opinion as to whether it's running OK.
Frequency counters are fine (I have two!) but they don't give that nice warm
glow of being able to actually make contact with someone. HI!

Cheers de Dave (G0DJA)

Pun for the day;

Nothing Succeeds Like a Bird with No Teeth.
(If you need it explained. Email me.....)

Date: Tue, 15 Feb 2000 19:18:22 -0500
From: "Ed Hare, W1RFI (w1rfi@arrl.org)" <w1rfi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [63281] Re: Receiver Tests/Dynamic Range-Help
Message-ID: <88cqii\$80m\$1@p1k.arrl.org>

A few years back, the ARRL Tech Info Service put together a web page that outlined the various factors that folks can consider when buying a new rig. Included is an article that discussed what all those numbers mean in the Product Review test tables.

See <http://www.arrl.org/tis/info/rigbuy.html> and follow the links.

73,
Ed Hare, W1RFI
>

Date: Tue, 15 Feb 2000 19:27:10 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:FrConrad@aol.com" <FrConrad@aol.com>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.edu>
Subject: [63282] INQUIRY: Are there two foxes tonight?
Message-ID: <200002151931_MC2-9949-7115@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
 charset=us-ascii
Content-Disposition: inline

John (and Gang):

Here are the two announcements:

1. >>Hello,
Just wanna remind all you guys to turn on your rigs and hop on the hound-mobile! At the strike of 0100z (tuesday evening) I will be calling CQ Fox. I will be going through everyone as quickly as I can, so everyone can get in my log. I hope to get close to the fox hunt record of 122 q's!!

Please read my previous fox hunt post for the details.

The highlights ---

- o Frequency of 7.042 MHz
- o Up .5 to 1.5 Khz
- o Listen carefully for your callsign
- o HAVE A GREAT TIME!!!

73/2,

Ben - NW7DX

SOC #111<<

2. >>Stan, AC8W, and I are going (with our wives, of course) to the Bahamas for 2 weeks (and the ARRL DX CW contest).

We talked to Paul, W8KC - the Fox man - a couple weeks ago about a "special fox". Just got an e-mail from Paul regarding special foxes:

Per Foxhunt Rule...

6.1 A Special Event Fox may pop up once or twice to keep hunters on their toes. Stay tuned to QRP-L for these announcements.

K8DD/C6A will pop up:

EST	GMT/UTC
-----	---------

Feb 16	Feb 17
--------	--------

Approx 8PM	Approx 0100Z
------------	--------------

and will run for 2 contiguous hours.

This means you have to be on your toes.

Look on 40 Meters 7040 +/- 9 KHz (that means 7031 to 7049)

Radio will be 4 to 5W. Antenna will be vertical, yagi or dipole.

Speed will be variable. Conditions will be good. Track will be fast.

Mileage will, of course, vary.

We will be home Feb 25 and will post the log after that date.

There will be special QSL's available to those who work us.

Good luck.

This may be the only announcement, so if you missed it the first time, here it is again....With changes from the original.<<

Hope this is useful. GL and happy hunting, John :-).

72,

--Doc Lindsey/K0EVZ

DSBF

PO BOX 6028

Bismarck, ND 58506

K0EVZ@arrl.net

Date: Tue, 15 Feb 2000 19:16:08 EST

From: Richard S McKee <kc8aon@juno.com>

To: qrp-l@Lehigh.EDU, fpqrp@egroups.com

Subject: [63283] HW-8 + capacitors = Great receive on 40M

Message-ID: <20000215.194229.4391.4.kc8aon@juno.com>

Gang & Fellow HW-8 OPs,

Was looking thru my HW-8 Handbook the other day, and noticed a mod for increased receive performance on 40 meters which said to increase the value of C4, well to make a long story short - "That's one Hum Dinger of a mod !" I opened up my HW-8 found C4 and started adding capacitors via clip leads. I added the suggested amount first and it decreased the sensitivity in mine, so I started small - (added them in parallel to C4) with about a 10pf capacitor & noticed a little increase on a weak signal from about an S-2 up to I'll say about an S-2 1/2. I figured well thats good, lets see if I can get more so I added another 10pf - WOW! that S-2 1/2 jumped up to about S-7 (by the way, I've added the S meter mod to the HW-8). Wondering if it would increase any further, I added another 10pf - "THAT S-7 SIGNAL WENT FULL SCALE !, But now I have a small amount of broadcast interference, so when I get time I am going to take out one of the 10pf capacitors & put in a 2 to 20pf trimmer and fine tune it for a good balance between wanted signals and unwanted signals. This has been one of the best mods I have done to the HW-8 so far and one of the easiest too. I can hear stations loud and clear now that I probably couldn't even hear before. I might just see what I can do for the other bands now ! If I do, I'll be sure and share them with ya'll.

73...Rick McKee KC8AON { CW lives as long as I do ! }

Willow Wood, Ohio "oo's"

AR QRP # 269 QRP-L # 2112 ZOMBIE # 718 FPqrp # 33

TriState BrassPounders # 1

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<http://dl.www.juno.com/get/tagj>.

Date: Tue, 15 Feb 2000 17:14:50 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio <qrp-1@Lehigh.EDU>
Subject: [63284] FOX - NW7DX
Message-ID: <Pine.GS0.4.10.10002151707500.8951-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Ben is LOUD into Nevada at 0100z.

I knew he would be.....that's just the right time of the day for the short haul QSO's.

I read his post where he said that he would start on 7042.
I had the RX #1 sitting right on 7042.

I read in his post that he would listen up 1.5 kHz, so I put the TX on 7043.5.

He sent (I think I remember it right, but it has been almost 5 minutes ago!) FOX de NW7DX

I sent my call once at 36 wpm and got him.

Wheeeeeeee, I love being first! :-)

But then I heard him calling for the hounds while there were loud hounds calling.....but you were all way too close to his freq for him to hear.

Learn to move those TX's up in freq.

There was a QSO going on between Ben and I when we made the QSO. Don't worry about going above another QSO, just watch that you don't QRM them!

So work those RIT's, XIT's and second VFO's and go get him.

This fellow is doing a super job! Make the QSO's fast and help him get the record!

cul,

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

Date: Mon, 14 Feb 2000 22:46:14 -0500
From: w4bws@juno.com
To: ko6gf@slip.net
Cc: qrp-l@Lehigh.EDU
Subject: [63285] Re: signing
Message-ID: <20000215.201221.-371867.5.w4bws@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Doesn't matter- didn't you hear--CW is Dead.
Don W4BWS

On Sun, 13 Feb 2000 08:47:21 -0800 "Denis Englander" <ko6gf@slip.net>
writes:

> As a potential candidate, closing with SOC would make me nervous.
> Afraid I would use SOS by mistake.
>
> K06GF Denis in SF
>
> ----- Original Message -----
> From: <N10DL@aol.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Sunday, February 13, 2000 7:52 AM
> Subject: SOC: signing
>
>
> | How about if instead of a number, we use SOC instead of 74. It
> would
> really
> | get people asking a lot of questions about the club.
> | Aron
> | N10DL
> | Bedford, NH
> | SOC#10 FISTS#4110 G-QRP#9946 QRP-L#1326
> |

>

Don Sanders W4BWS
694 E. Eau Gallie Blvd
Satellite Beach ,FL 32937
My favorite QRP rig glows in the dark

Date: Tue, 15 Feb 2000 13:18:40 -0700
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [63286] wanted 38-S
Message-ID: <38A9B4A0.C1B@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Wanted dead or alive....38-S...Let's talk!

72, Tom WB5QYT..."Have spud will travel!"

Date: Tue, 15 Feb 2000 13:20:10 -0700
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [63287] Info
Message-ID: <38A9B4FA.7E4D@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Anyone ever heard of a Standard C6500 communications receiver? I picked one up at the tailgater and it is slick! Sure would like a manual for it.

Tnx and 72, Tom WB5QYT...."Have spud will travel!"

Date: Tue, 15 Feb 2000 19:24:32 -0600
From: "Mike =?ISO-8859-1?Q?N=D8WDM"?= <michaelbstjames@email.msn.com>
To: "qrp reflector" <qrp-l@Lehigh.EDU>

Subject: [63288] Head Copy
Message-ID: <000101bf781c\$969c3420\$6afb0b3f@default>

Wow! For an email I meant to send to one individual and mistakenly sent to the group, I sure got a huge response and lots and lots of encouragement. Once again the 'List' has come through with useful and helpful information.

Thanks again Guys (and Gals)

Mike in Minnesota

Date: Tue, 15 Feb 2000 20:27:28 EST
From: K1JD@aol.com
To: ku7y@dri.edu, qrp-1@lehigh.edu
Subject: [63289] Re: FOX - NW7DX
Message-ID: <de.1557a30.25db5700@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Not a whisper in R.I.... yet (0130z)

73,
John K1JD
Jamestown, RI
<http://hometown.aol.com/k1jd/index.html>
K2's #139 & 583

Date: Tue, 15 Feb 2000 20:29:48 EST
From: FrConrad@aol.com
To: qrp-1@lehigh.edu
Subject: [63290] Re: INQUIRY: Are there two foxes tonight?
Message-ID: <37.16f9a41.25db578c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I got it. Still get a little GMT-Challenged from time to time.

Thanks to all

JC+

Date: Tue, 15 Feb 2000 20:40:32 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [63291] Managing the list traffic
Message-ID: <000b01bf781e\$de26cce0\$010044c0@Conor.baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For those of you who are tired of computer stuff, hit delete now.

The traffic from this list is prodigious, and there is a lot of good. There's some bad, and there's quite a lot that I'm just not interested in, or maybe not interested in just right now.

Here's how I manage it.

I have a separate folder for QRP-L (in Outlook Express). Within the QRP-L folder, I have folders for: 2N2/40, Contests, Elmer, Fox and Marketplace. I have inbox assistant rules to automatically sort the mail into these various folders.

Now, each folder gets handled differently. The 2N2/40 and Elmer folders I really want to read, so mail stays there until I can give it proper attention. The Contest folder tends to get reviewed Friday evening if I think I may get some time over the weekend. If there's a contest I'm planning on coming up, I may give this a little more attention. Similarly, the Fox folder gets reviewed right after dinner on Tuesday and Thursday to be sure I know when/where the fox will be. The Marketplace folder gets reviewed if I'm in a buying mood, or if I expect to be selling stuff at an upcoming hamfest.

The QRP-L folder is now a much more manageable size. Still pretty big, but I can generally go through it in a few minutes and see if there's anything that interests me. Unless there's something that really gets me interested, the total investment in QRP-L probably amounts to 5 minutes, although a LOT of evenings there's something that bears a little more attention. But that's OK, I spend my time on stuff that interests me.

If you use Outlook or Outlook Express and don't know how to do this, email me for help. If there's enough interest, I'll add a page to my website explaining how to do it.

Most other mail readers have a similar facility, I just don't happen to know how they work.

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Tue, 15 Feb 2000 19:55:06 -0600
From: Wayne Alexander <walexan@ipa.net>
To: qrp-l@Lehigh.EDU
Subject: [63292] Mobile CW
Message-ID: <4.2.0.58.20000215195217.00964780@popd.ipa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I worked MD/DL5LYM and JW6YEA.
Worked them Mobile CW. Boy it is fun.
10 meters was the Band.
Have fun.
73,
N0EA
Wayne
Willard,MO
FISTS # 4907
QRP-L # 1058
SOC # 144

Date: Tue, 15 Feb 2000 21:04:51 -0500
From: tom palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [63293] K8DD/C6A calling Ben, NW7DX
Message-ID: <38AA05C3.7FD747F4@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

K8DD/C6A almost knocked my head phones off
calling Ben. WOW! What a BIG signal into SW FL!
If there conditions prevail tomorrow evening,
he will be a BIG target indeed.

Tom, N1TP

Naples, FL.

Date: Tue, 15 Feb 2000 20:09:44 -0600
From: "Bill Allen" <bill@pcatexas.com>
To: <qrp-1@Lehigh.EDU>
Subject: [63294] iambic keyer
Message-ID: <003801bf7823\$31ed7fa0\$44bac1d0@ourtown.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dear all,

I am needing some educating. I have a new set of iambic paddles, but don't have a clue how to adjust them. Anyone feel like elmering me?

: -)

73
kc5adf
Bill Allen

Date: Tue, 15 Feb 2000 21:25:14 EST
From: Macstein@aol.com
To: qrp-1@lehigh.edu
Subject: [63295] [FOX] Ben is amazing!
Message-ID: <4b.135f404.25db648a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Sorry for the dupe guys and gals (thanks for the help!) One can never be TOO sure!

Fine, no, OUTSTANDING job Ben! WOW, that speed work with Ed is really showing! Can't wait to see this log!

ALSO....K8DD/C6A was blowing my head phones off! WHAT A SIGNAL! The ringing made me doubt my FOX contact (grin). Should be an easy catch tomorrow.

-MAC-
AF4PS
Odessa, FL
A Swamp Rat

Date: Tue, 15 Feb 2000 21:28:21 EST
From: K1JD@aol.com
To: K1JD@aol.com, qrp-1@lehigh.edu
Subject: [63296] Re: FOX - NW7DX
Message-ID: <1e.185e82b.25db6545@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Now we have KP4DBR on freq at S9+20dB.
Good Grief.

73,
John K1JD
Jamestown, RI
<http://hometown.aol.com/k1jd/index.html>
K2's #139 & 583

Date: Tue, 15 Feb 2000 21:38:47 -0500
From: tom palmer <n1tp@worldnet.att.net>
To: K1JD@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [63297] Re: FOX - NW7DX
Message-ID: <38AA0DB7.23CFE9C2@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The biggest LID I've heard in years.

Tom, N1TP

K1JD@aol.com wrote:

> Now we have KP4DBR on freq at S9+20dB.
> Good Grief.
>
> 73,

> John K1JD
> Jamestown, RI
> <http://hometown.aol.com/k1jd/index.html>
> K2's #139 & 583

Date: Tue, 15 Feb 2000 20:43:38 -0600
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [63298] Re: Head Copy
Message-ID: <001801bf7827\$a336d2c0\$215c32cf@tcac.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Maybe this topic's already gone cold, but I wanna get my
licks in. Some people say practice, practice, practice,
work, work, work --- and that probably does the trick. I
got into copying in my head mostly by leaving the receiver
on a lot. If you have a place (ham shack) where you can do
that without driving everyone crazy, it does help. Leave
the rcvr on in a fairly active CW band segment with the
filter set on SSB width. Then listen to QSOs going on while
you work on projects and sort your laundry. It sorta comes
to ya. You catch words, then phrases.

Next thing you know, you can head copy fine, but can't write
anything down worth a hoot. Before I finally went for my
extra, back around 1978, I was paranoid about that and spend
a long time forcing myself to write down every word in QSOs.

72 es GL,

Nick, WA5BDU
in Arkansas
SOC #36

Date: Tue, 15 Feb 2000 22:21:01 EST
From: N10DL@aol.com
To: qrp-l@lehigh.edu
Subject: [63299] Tuna Tin QSO

Message-ID: <b3.ee3f76.25db719d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Just had a great QSO with Peter, N9SSA/ag who was using the Tuna Tin2. He was located in MI and I am in NH, using my OHR400 at 3 watts into a Windom up 45' Peter really was buried in the QRN but we got all the information. I am really glad I have just ordered one of these rigs. this is the second TT2 QSO I have had in the last month. I am really impressed with this rig. Great going Peter, Hope to hear you again soon...

Aron

N10DL/qrp

Bedford, NH

FISTS#4110 QRP-L#1326 G-QRP#9946 SOC#10

Date: Tue, 15 Feb 2000 22:25:33 EST
From: Shephed@aol.com
To: qrp-l@lehigh.edu
Subject: [63300] Re: FOX - NW7DX
Message-ID: <71.e4d273.25db72ad@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Nothing heard here but QRO.
Oh well, I'll get them next time.

72, 73, oo's
Dan, N8IE Kettering, Oh
FPqrp #-6, QRP-l #1404, FISTS #4985, Zombie #667
<http://members.aol.com/shephed/n8ie.htm>

Date: Tue, 15 Feb 2000 22:30:08 -0500
From: "WB8QYY (DIZ) Dieter Gentzow" <wb8qyy@one.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [63301] Re: FOX - NW7DX
Message-ID: <002101bf782f\$6da09620\$0202050a@400-3>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Why chase a FOX when you can catch a miniPIG :-)

73 - Dieter (DIZ) Gentzow - WB8QYY "oo's"
Loveland, Ohio - near Cincinnati; 39.218N - 84.305W
SOC#8 FPqrp#-1 DL-QRP-AG#1454 QRP-L#1998 10-X#9389 CATT#26 K2#493
<http://w3.one.net/~gentzow/wb8qyy.htm>

-----Original Message-----

From: Shephed@aol.com <Shephed@aol.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, February 15, 2000 10:27 PM
Subject: Re: FOX - NW7DX

>Nothing heard here but QRO.
>Oh well, I'll get them next time.
>
>72, 73, oo's
>Dan, N8IE Kettering, Oh
>FPqrp #-6, QRP-1 #1404, FISTS #4985, Zombie #667
><http://members.aol.com/shephed/n8ie.htm>

Date: Tue, 15 Feb 2000 22:33:51 EST
From: N10DL@aol.com
To: qrp-1@lehigh.edu
Subject: [63302] FOX:THAT DARN WALL IS UP AGAIN IN NH
Message-ID: <d9.1465660.25db749f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

could not hear either FOX here in NH tonight. I tried both the dipole and the
R-7 vertical. Rats...I was hoping to get to log the boys in the sun...
Aron
N10DL
Bedford, NH

Date: Tue, 15 Feb 2000 22:34:36 EST
From: Shephed@aol.com
To: qrp-1@lehigh.edu
Subject: [63303] Re: FOX - NW7DX
Message-ID: <e0.14c2583.25db74cc@aol.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 2/15/00 10:31:49 PM Eastern Standard Time, wb8qyy@one.net writes:

> Why chase a FOX when you can catch a miniPIG :-)
>
> 73 - Dieter (DIZ) Gentzow - WB8QYY "oo's"
> Loveland, Ohio - near Cincinnati; 39.218N - 84.305W
> SOC#8 FPqrp#-1 DL-QRP-AG#1454 QRP-L#1998 10-X#9389 CATT#26 K2#493
> <http://w3.one.net/~gentzow/wb8qyy.htm>
>
Because they both taste great.
Fox, the other, other white meat. :-)

72, 73, oo's
Dan, N8IE Kettering, Oh
FPqrp #-6, QRP-1 #1404, FISTS #4985, Zombie #667
<http://members.aol.com/shephed/n8ie.htm>

Date: Tue, 15 Feb 2000 22:36:01 EST
From: BenNW7DX@aol.com
To: qrp-1@lehigh.edu
Cc: AdamN7YA@aol.com
Subject: [63304] Fox: NW7DX's Results
Message-ID: <bd.1100492.25db7521@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hello -

Unfortunately, the conditions were ::HORRIBLE::, but hey... thats ok. I kept myself company :)

5 minutes before the hunt, I went to WWV just to make sure the clock was accurate, up to the second, so I could start calling at the crack of 0100z. I called only once and got a quick callback from KU7Y, who always seems loud in here! Thanks for the first Q Ron. Of course, there was also good 'ol Ed WE6W who was loud into WA as well. Right in the middle of them on the log is Bruce/N7RR. What a fine first 3 contacts!

I got off to a good start with a rate of about 80 (q's per hour), but that quickly dropped when it seemed that I had worked everyone... which I truly did not.

I got by the first hour with only 49 Q's and I had to work for almost all of them! Tonight, the QRN was exceptionally bad, and the SSB QRM was even worse! Well enough negative talk.... I had a GREAT time with this hunt and

I had to work for quite a few of them! It was fun hearing all of the signals on the band.... maybe they weren't in there all at once, but it was still fun moving the RIT and actually hearing someone! I made 68Q's altogether. I'm very sorry if you called and I simply just could not get you out of the QRM. During my hunt, there were 2 or 3 other cw QSO's that were going on next to my freq once the hunt started, even after they got 20 million calls saying "qrl, pse qsy"... well, I guess there are people in this world that are too selfish to get a new frequency :) Thats ok... I still did pretty good for only using one antenna, 5 watts and lousy band condx! Thankyou to all who participated!! Special thanks to N7YA for participating in his first fox hunt and giving me a contact!

Here is my log... hopefully all of the lines will come out straight -----

Band	Date	Time	QSO#	Call worked	Sent	Rcvd	Name	Qrp-1#	Qth	Pts
----	----	----	----	-----	----	----	----	----	----	----
40CW	16-Feb-00	01:00	1	KU7Y	*	579	599 RON 17		NV	1
40CW	16-Feb-00	01:00	2	N7RR	*	579	599 BRUCE 1688		WA	1
40CW	16-Feb-00	01:01	3	WE6W	*	579	599 ED 1068		CA	1
40CW	16-Feb-00	01:01	4	VA7NT	*	559	559 PAUL 20		BC	1
40CW	16-Feb-00	01:02	5	W7QC		599	599 STEVE 1749		WA	1
40CW	16-Feb-00	01:03	6	N5TW	*	559	559 TOM 1474		TX	1
40CW	16-Feb-00	01:04	7	AB5UA	*	549	559 CLIF 478		OK	1
40CW	16-Feb-00	01:05	8	K0EVZ	*	549	559 DOC 861		ND	1
40CW	16-Feb-00	01:05	9	NQ7X	*	579	559 FLOYD 343		AZ	1
40CW	16-Feb-00	01:06	10	VE6EWM	*	559	339 EARL 1076		AB	1
40CW	16-Feb-00	01:07	11	W1XT	*	579	579 BOB 262		AZ	1
40CW	16-Feb-00	01:07	12	N0RN	*	559	559 BOB 1789		CO	1
40CW	16-Feb-00	01:08	13	N0EA	*	569	559 WAYNE 1058		MO	1
40CW	16-Feb-00	01:10	14	K5AAR	*	559	569 DON 1512		OK	1
40CW	16-Feb-00	01:11	15	K7TQ	*	559	559 RANDY 102		ID	1
40CW	16-Feb-00	01:12	16	W7ILW	*	579	559 HOWARD 2010		AZ	1
40CW	16-Feb-00	01:12	17	K5OI	*	559	559 TIM 73		NM	1
40CW	16-Feb-00	01:13	18	N6WG	*	579	599 BOB 26		CA	1
40CW	16-Feb-00	01:18	19	K5LN	*	559	559 BILL 1794		TX	1
40CW	16-Feb-00	01:19	20	KI0KY		579	579 RON 928		CO	1
40CW	16-Feb-00	01:21	21	W0RW	*	579	599 PAUL 284		CO	1
40CW	16-Feb-00	01:22	22	KB7WW	*	579	559 ART 290		OR	1
40CW	16-Feb-00	01:24	23	N5IW	*	599	559 BILL 1718		TX	1
40CW	16-Feb-00	01:25	24	K8DD/C6A	*	549	559 HANK 246		C6A	1
40CW	16-Feb-00	01:25	25	AF5Z	*	579	579 BOB 984		TX	1
40CW	16-Feb-00	01:29	26	N0DT	*	579	559 DAN 1004		MO	1
40CW	16-Feb-00	01:31	27	N5EN	*	559	559 STEVE 2071		TX	1
40CW	16-Feb-00	01:32	28	K5ZTY	*	569	559 BILL 473		TX	1
40CW	16-Feb-00	01:33	29	NK7M	*	579	599 BOB 271		AZ	1
40CW	16-Feb-00	01:33	30	W5HNS	*	549	559 HENRY 178		TX	1

40CW	16-Feb-00	01:34	31	W0CH	*	549	559	DAVE 618	MO	1
40CW	16-Feb-00	01:35	32	N7MFB	*	569	599	BILL 715	WA	1
40CW	16-Feb-00	01:36	33	KC5RD		549	559	DAN 2052	TX	1
40CW	16-Feb-00	01:38	34	N0TU	*	559	559	STEVE 911	CO	1
40CW	16-Feb-00	01:39	35	N7YA		559	559	ADAM 1608	NV	1
40CW	16-Feb-00	01:40	36	AB7CE	*	579	599	ROY 1494	MT	1
40CW	16-Feb-00	01:41	37	N0UR	*	549	559	JIM 799	MN	1
40CW	16-Feb-00	01:42	38	N1TP	*	549	229	TOM 1317	FL	1
40CW	16-Feb-00	01:44	39	W4NJK	*	569	599	CHARLIE 2075	CA	1
40CW	16-Feb-00	01:45	40	N7KT	*	559	579	ROGER 62	AZ	1
40CW	16-Feb-00	01:46	41	N7CQR	*	579	559	DAN 502	OR	1
40CW	16-Feb-00	01:48	42	W0JOE	*	569	559	JOE 1901	MO	1
40CW	16-Feb-00	01:50	43	K1SHP		539	339	MEL 1191	OK	1
40CW	16-Feb-00	01:53	44	WB6MFS		579	559	JOHN 1501	CA	1
40CW	16-Feb-00	01:53	45	W5TH		549	559	DOC 672	TX	1
40CW	16-Feb-00	01:55	46	W4WLG		559	559	DON 2123	TX	1
40CW	16-Feb-00	01:56	47	NK6A	*	579	579	DON 1517	CA	1
40CW	16-Feb-00	01:57	48	K1MG	*	579	599	MIKE 614	CA	1
40CW	16-Feb-00	01:59	49	N4ROA	*	559	559	DAN 970	VA	1
40CW	16-Feb-00	02:01	50	N6XU	*	569	599	STAN 66	CA	1

2000 Foxhunt - NW7DX

Band	Date	Time	QSO#	Call	worked	Sent	Rcvd	Name	Qth	Pts
----	----	----	----	-----		----	----	----	---	---
40CW	16-Feb-00	02:02	51	N5IG		569	559	DAVE 1718	TX	1
40CW	16-Feb-00	02:04	52	AB0GO	*	569	579	785	DAVE	1
40CW	16-Feb-00	02:06	53	N1LN	*	569	579	BRUCE 2049	TX	1
40CW	16-Feb-00	02:07	54	N5LU	*	559	549	BILL 2009	OK	1
40CW	16-Feb-00	02:09	55	AK1P	*	569	599	PAUL 284	CA	1
40CW	16-Feb-00	02:10	56	W5YR	*	569	559	GEO 1373	TX	1
40CW	16-Feb-00	02:11	57	AC6UV	*	559	559	GODY 1881	CA	1
40CW	16-Feb-00	02:13	58	N5GJQ	*	549	569	MIKE 5	LA	1
40CW	16-Feb-00	02:14	59	AF4PS	*	559	559	MAC 704	FL	1
40CW	16-Feb-00	02:16	60	K5JHP	*	569	339	BILL 825	TX	1
40CW	16-Feb-00	02:28	61	W5SB	*	599	559	BILL 1279	TX	1
40CW	16-Feb-00	02:30	62	W0RSP	*	579	449	ADE 661	SD	1
40CW	16-Feb-00	02:32	63	WS4S	*	569	519	CONARD 993	TN	1
40CW	16-Feb-00	02:34	64	KK5LD	*	569	559	DAN 2052	TX	1
40CW	16-Feb-00	02:36	65	KD6AXT		579	599	DAN 2046	CA	1
40CW	16-Feb-00	02:37	66	KQ5U	*	579	559	TERRY 1603	TX	1
40CW	16-Feb-00	02:39	67	AB0CD	*	599	559	DICK 483	CO	1
40CW	16-Feb-00	02:43	68	K10J	*	569	559	OJ 732	TX	1

Hopfully I didn't make any errors, but if I did, please give me a shout!

72/3,
Ben - NW7DX

Date: Tue, 15 Feb 2000 22:39:46 -0500
From: KD1YV <kd1yv@mindspring.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [63305] Re: Talking on cell phone while driving...
Message-ID: <38AA1C02.52862756@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Naw, it'll never pass. The Cell Phone industry had no problem buying off the whole U.S. Congress -- what makes anybody think that the N.Y.S. Legislature is any great challenge?

--
72/73 de Jim, KD1YV
Some days you're the dog, some days you're the hydrant.

Thomas Jennings wrote:

> Gang,
>
> I heard on the news this morning that New York State is thinking about
> making it
> illegal to talk on a cell phone while driving. It was mentioned that a
> couple
> of other states currently have such a law.
>
> How would these laws affect hams who operate the phone bands while
> driving
> and what about the mobile cw op??
>
> 73,
>
> Tom, kv2x

Date: Tue, 15 Feb 2000 19:43:34 -0800

From: Rich Wilkerson <richqrp@home.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [63306] Question
Message-ID: <38AA1CE6.2792686@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello to all. This may sound silly but.... How can I find out when I was first licensed? I never did keep my first license.

--

72's & 73's
Rich Wilkerson, Santee, Ca
WD6FDD

Date: Tue, 15 Feb 2000 22:44:49 -0500
From: tom palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-1@Lehigh.EDU>
Subject: [63307] NW7DX's Log.
Message-ID: <38AA1D31.72E81B4F@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

BEN: Fastest ever posting of a Preliminary Log ... WOW!

Cheers,

Tom, N1TP
Naples, FL.

Date: Tue, 15 Feb 2000 22:44:23 EST
From: KROY@aol.com
To: qrp-1@lehigh.edu
Subject: [63308] Re: Talking on cell phone while driving...
Message-ID: <7a.1a0e4cb.25db7717@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 2/15/00 5:10:34 PM Central Standard Time, dschneider2@uswest.net writes:

<< The basic argument against the bill was that there already were laws on the books about careless driving, and what was next: putting on make-up, eating, etc? >>

What about using the stereo/cd player/tape player in the car? It can be VERY distracting to be messing with such a unit in a car while driving, and yet I haven't seen any mention of banning the use of stereos/cd players/tape players while driving. While I do not doubt that people are distracted while using their cell phones, I also know that people are distracted while using these 'entertainment' devices, too. If cell phone use is going to be banned, then the use of 'entertainment' devices while driving, had better be banned as well.

John - KR0Y

Date: Tue, 15 Feb 2000 22:44:28 EST
From: N10DL@aol.com
To: qrp-l@lehigh.edu
Subject: [63309] RE:FOX NW7DX
Message-ID: <4c.1c63361.25db771c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Looks like not ONE contact east of the big river tonight...now I do not feel so bad...

Aron
N10DL
Bedford, NH
FISTS#4110 QRP-L#1326 G-QRP#9946 SOC#10

Date: Tue, 15 Feb 2000 22:52:15 -0500
From: w2xn@juno.com
To: qrp-l@lehigh.edu
Subject: [63310] Fox Hunt
Message-ID: <20000215.225217.-743927.0.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Ben,

I think you did a great job for the condx. Over here in FL condx were absolutely TERRIBLE (sorry for shouting). I could barely hear you at the

start, but as the nite moved on, your started to get a bit louder.

There there was KP4DBR at 30 over S9. When he got chased away, then F5MZN, Oli, with 2 kw wiped it out again. The who second hour was shot.

Every time I sent my call and thought I heard you come back to me, the QRM wiped out everything.

Good job,

fred w2xn #1728
Lakeland, FL

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<http://dl.www.juno.com/get/tagj>.

Date: Tue, 15 Feb 2000 21:58:27 -0600
From: "Mike Besemer (KG8L)" <kg8l@worldnet.att.net>
To: <richqrp@home.com>
Cc: "QRP Reflector" <qrp-l@lehigh.edu>
Subject: [63311] RE: Question
Message-ID: <000e01bf7832\$1493ed40\$8aaa48a6@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I e-mailed the FCC and they said to try they're contractor (ITS) at www.itsdocs.com. They will research it...for a fee. They also suggested www.qrz.com, or for licensees between 1983 and 1987, www.qrz.com/search1993.html.

I haven't tried it yet myself because I do not fit into the latter category (I was licensed somewhere between 1975 and 1977) and I'm too cheap to try the first option! I'd love to hear a success story from someone who's been through this bit. I'd like to know when I first got my ticket...but not to the extent that I'd sink a lot of effort (or cash) into it!

Please let me know what you find out!

72/73/74,

Mike
KG8L/5

Ex WN8AGD/WD8AGD

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Rich Wilkerson
Sent: Tuesday, February 15, 2000 9:44 PM
To: Low Power Amateur Radio Discussion
Subject: Question

Hello to all. This may sound silly but.... How can I find out when I was first licensed? I never did keep my first license.

--

72's & 73's
Rich Wilkerson, Santee, Ca
WD6FDD

Date: Tue, 15 Feb 2000 20:53:00 -0700
From: "Rod, N0RC" <n0rc@yahoo.com>
To: <bill@pcatexas.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [63312] Re: iambic keyer
Message-ID: <00e501bf7831\$eddd57e0\$ba101004@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bill, et.al.

Here is a link to an article that might be helpful:
<http://www.morsex.com/keyadj.htm>
It's a nice article by Marshall Emm, N1FN, who owns and operates MorseX.

72/3 Rod, N0RC -- Fort Collins, CO SOC #157 and proud of it!

----- Original Message -----

From: Bill Allen <bill@pcatexas.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Tuesday, February 15, 2000 7:09 PM
Subject: iambic keyer

> Dear all,
>
> I am needing some educating. I have a new set of iambic paddles,
but don't
> have a clue how to adjust them. Anyone feel like elmering me?
>
> :-)
>
> 73
> kc5adf
> Bill Allen
>
>
>

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Tue, 15 Feb 2000 21:59:25 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <KROY@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [63313] Re: Talking on cell phone while driving...
Message-ID: <014d01bf7832\$37c63de0\$05987b7b@CSS0048.bergenbrunswick.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I hate to sound paranoid, and I hate to prolong this by adding to the noise,
but something occurs to me if we follow the whole question to its logical
conclusion.

Once all of these so-called dangerous distractions in vehicles are banned or
in some way regulated out of existence, and then when accidents STILL
occur - what next? Only one thing left to ban.....

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@pipeline.com
May Goddes love blest ye alle
SOC#198

-----Original Message-----

From: KROY@aol.com <KROY@aol.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, February 15, 2000 9:45 PM
Subject: Re: Talking on cell phone while driving...

>In a message dated 2/15/00 5:10:34 PM Central Standard Time,
>dschneider2@uswest.net writes:
>
><< The basic argument against the bill was that there already were laws on
the
> books about careless driving, and what was next: putting on make-up,
eating,
> etc? >>
>
>What about using the stereo/cd player/tape player in the car? It can be
VERY
>distracting to be messing with such a unit in a car while driving, and yet
I
>haven't seen any mention of banning the use of stereos/cd players/tape
>players while driving. While I do not doubt that people are distracted
while
>using their cell phones, I also know that people are distracted while using
>these 'entertainment' devices, too. If cell phone use is going to be
banned,
>then the use of 'entertainment' devices while driving, had better be banned
>as well.
>
> John - KROY

Date: Tue, 15 Feb 2000 23:02:38 EST
From: GElam30092@aol.com
To: qrp-1@lehigh.edu
Subject: [63314] Re: Talking on cell phone while driving...
Message-ID: <d3.19645a7.25db7b5e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Not to mention "farding". From what I've seen, there are a lot of people,
especially women, farding while driving.

Don't believe me? Look up "fard" at <http://www.m-w.com/cgi-bin/dictionary>

Then ask your XYL if she's ever farded in a car. Then..... DUCK.

(I just know this post is gonna piss someone off.... sorry... couldn't resist.)

Cheers,
Gerry Elam
PHX AZ

Date: Tue, 15 Feb 2000 23:02:35 EST
From: BenNW7DX@aol.com
To: w2xn@juno.com, qrp-1@lehigh.edu
Subject: [63315] Re: Fox Hunt
Message-ID: <c7.21eaf96.25db7b5b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

So You were the "XN" station!! All I heard was a :hint: of a signal, and copied an ever so tiny "XN" About 5 times, I kept coming back to the mysterious station. And everytime the QRN and QSB AND QRM got worse and worse. Thanks Alot for staying with me. Boy, the condx were bad! I hope on thursday the fox will be watched over by the propagation gods so he will produce conact after contact!

73 and thanks again for the great time,
Ben - NW7DX

<< Every time I sent my call and thought I heard you come back to me, the QRM wiped out everything.

Good job,

fred w2xn #1728
Lakeland, FL >>

Date: Tue, 15 Feb 2000 23:07:19 EST
From: KR0Y@aol.com
To: qrp-1@lehigh.edu
Subject: [63316] Re: Talking on cell phone while driving...

Message-ID: <c8.1649b21.25db7c77@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 2/15/00 9:41:58 PM Central Standard Time,
kd1yv@mindspring.com writes:

<< Naw, it'll never pass. The Cell Phone industry had no problem buying off
the
whole U.S. Congress -- what makes anybody think that the N.Y.S. Legislature
is
any great challenge? >>

I'd think that, too, but I think such a law has already passed in at least
one state.

But, as I was thinking about this, I realized just how 'dumb' this law really
is. It isn't totally illegal to use a cell phone while driving in this case
- it's ok, as long as you're using hands-free. Now, most cell phones do NOT
have 'voice dialing', which means that even though I've got a hands-free
phone, I have to mess with the phone to dial a number. So, the ONLY thing
that the hands-free really does for 'safety' is that I can now keep both
hands on the wheel while driving (which most people probably don't do
anyway), AFTER I've taken my eyes off the road to dial the phone number.

So, I guess in this one state that has this law, no one can drive around
while holding anything in their 'free hand' (like a Coke, or a cell phone
handset). They can 'mess' with anything in the car (including dialing the
cell phone), as long as it's only for a few seconds (after all, what on earth
could happen if I take my eyes off the road for only a 'few seconds'?)

If they're going to ban the use of cell phones, without hands-free, while
driving, they'd better do it 'right' and just completely ban the use of cell
phones while driving (and I can just imagine how THAT would go over with the
public <G>).

On another topic - does anyone know of a good source for small air variable
capacitors?

John - KR0Y

Date: Tue, 15 Feb 2000 20:08:54 -0800
From: Rich Wilkerson <richqrp@home.com>
To: "Mike Besemer (KG8L)" <kg8l@worldnet.att.net>
Cc: QRP Reflector <qrp-1@lehigh.edu>

Subject: [63317] Re: Question
Message-ID: <38AA22D6.EDD405E2@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"

> I haven't tried it yet myself because I do not fit into the latter category
> (I was licensed somewhere between 1975 and 1977) and I'm too cheap to try
> the first option! I'd love to hear a success story from someone who's been
> through this bit. I'd like to know when I first got my ticket...but not to
> the extent that I'd sink a lot of effort (or cash) into it!

>

> Please let me know what you find out!

>

> 72/73/74,

>

> Mike

> KG8L/5

> Ex WN8AGD/WD8AGD

>

Mike, I know I was first licensed in the late 70's also, but just don't know which year. And I just thought there was a easy (no money) way to find out. I think we had to turn in our license at the FCC office on upgrades. I was at the FCC office every month for an upgrade until I was advanced then quit going to that Cold Office!

--

72's & 73's
Rich Wilkerson, Santee, Ca
WD6FDD

Date: Tue, 15 Feb 2000 22:13:13 -0600
From: "Dan Reynolds" <bcdlr13@home.com>
To: "qrp-L Reflector" <qrp-l@Lehigh.EDU>
Message-ID: <001101bf7834\$24946240\$d14cfea9@decatur1.il.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Could someone e-mail me off the list about converting that new RS rig to CW.

Dan Reynolds KB9JL0
bcdlr13@home.com

Date: Tue, 15 Feb 2000 18:12:00 -1000
From: Corky Kirk <w6ors@juno.com>
To: qrp-1@lehigh.edu
Subject: [63319] Schematic/manual
Message-ID: <20000215.181210.-985063.7.w6ors@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

2-15-00

Found a Gertsch FM-3 Freq meter, but with no books. Does anyone out there have one or anything with FM-3 on it that I can borrow and copy?

Tnx,

Corky W6ORS
Hilo HI
w6ors@juno.com

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<http://dl.www.juno.com/get/tagj>.

Date: Tue, 15 Feb 2000 23:19:49 -0500
From: "Robert Gutknecht" <kc2jz@netsync.net>
To: <bill@pcatexas.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [63320] Re: iambic keyer
Message-ID: <011401bf7835\$11b90080\$a2a09fce@bob>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I also would like help with iambic keyer. Thanks

Date: Tue, 15 Feb 2000 23:43:03 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "QRP-L" <qrp-1@lehigh.edu>
Subject: [63321] Re: QRP FORUMS: Atlanticon and Ft. Smith Coming up

Message-ID: <003e01bf7838\$513e43c0\$e859accf@ire.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Who's coming to Atlanticon? See the list of registered QRPers at
<http://www.njqrp.org/atlanticon/attendees.html> .

All registered attendees are receiving an Atlanticon Information Package,
sent by US mail this week, containing maps, hotel information and further
detail on the fun activities planned for that March 24-25 QRP weekend in the
'burbs of Philadelphia.

The Atlanticon Info Package also contains the "SNAP" Kit ... a free
Manhattan-style constructed QRPp transmitter kit, including detailed
instructions for this fascinating and easy construction method, being given
in advance to each attendee. It's easy to build and get working! Attendees
are are being encouraged to bring their completed kit to the weekend and
entered into the Building Contest for judging with all others on the basis
of construction quality, power output and frequency stability. The winner
of that contest gets the brand new RH40 transceiver kit from Red Hot Radio!
Other cool runner-up prizes are available too. Once completed, the Snap
transmitter module is also a nice building block for a future project from
the NJ-QRP Club sponsors of Atlanticon 2000. Details on this at the QRP
weekend.

Full details of the Atlanticon QRP Forum weekend can be found at
<http://www.njqrp.org/atlanticon/> , or by automated response to an email
query. (Send an email to EMBOT@NJQRP.ORG and put SEND ATLANTICON in the
body of the message. An email will be returned almost immediately
containing a text version of the Atlanticon QRP weekend information.)

What a weekend! ... a free transmitter kit, great QRP talks from the
experts, compendium of all talks (and more), hospitality suite with show 'n
tell of QRP projects, Building Contest of SNAP transmitters and other
favorite homebrew projects, some wonderful prizes along the way, a K2
Transceiver as a grand prize drawing, QRP camaraderie, and a shopping spree
for the family in the outlet Mecca of these Philadelphia suburbs ... we have
one heck of a QRP weekend planned for everyone this year at Atlanticon.

72, George N2APB
n2apb@amsat.org
for the NJ-QRP Club at <http://www.njqrp.org>

=====
From: Doug Hendricks <ki6ds@hotmail.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Tuesday, February 15, 2000 4:59 PM
Subject: QRP FORUMS: Atlanticon and Ft. Smith Coming up

Guys, the QRP Forum season is just about upon us. I talked with George Heron on the phone this weekend, and he is running around busier than a one armed paper hanger taking care of the last few details for Atlanticon. Preregistration is going great, and if you are planning on attending and have not preregistered you need to let George know that you are coming. Check the NJ QRP Club page for full details. Here is the URL:
<http://www.njqrp.org/atlanticon/index.html>

Last year was the first one for Atlanticon, and it was a great show. They have expanded it this year and made it even better.

[... snip]

Date: Wed, 16 Feb 2000 00:14:47 EST
From: GElam30092@aol.com
To: qrp-l@lehigh.edu
Subject: [63322] My apologies....
Message-ID: <7a.1a1cf35.25db8c47@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

<< Don't believe me? Look up "fard" at <http://www.m-w.com/cgi-bin/dictionary>
>>

Well..... I really messed up. I've gotten several nasty e-mails on my post especially since the link didn't work. Guilty until proven innocent I guess.

Folks, I didn't mean for this to be offensive. I would have hoped that the dictionary link would have been a clue that it was posted to be humorous. BTW, from that link:

fard 1 : to paint (the face) with cosmetics

The origins are from 15th century Germany.

But it clearly upset a few folks and that wasn't the intention. I enjoy using words that seemingly have been left behind or might be mistaken for something really offensive. Sophomoric humor? Yes..... and I like Monty

Python too.

I'll keep future post on tech. issues only. I hope the list will accept my humble apologies. It won't happen again.

Regards,
Gerry
PHX AZ

Date: Wed, 16 Feb 2000 00:16:11 -0500
From: "Michael Bower - N4NMR" <bowerm@ix.netcom.com>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [63323] HTX-10 vs HTS-100
Message-ID: <010a01bf783c\$f137cc80\$0100a8c0@dadsmachine>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have never used phone in the HF bands but am considering jumping.

Could someone (or all - the more the merrier) enlighten me as to the similarities and differences bwtween the current HTX-10 and the older HTS-100 (is that the correct name?)? In particular, what are the advantages and disadvantages of each.

Two major questions - 1) Can I control power output pn rithrt one easily adn without voiding the warranty? 2) If I go for the newer model, what besides the radio itself do I need to buy to take it home anf start using it that night? Assume I alread have an antenna and tuner.

TIA

Michael - N4NMR

Date: Tue, 15 Feb 2000 22:33:04 -0800 (PST)
From: tbessler@OregonVOS.net (Tom Bessler)
To: richqrp@home.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [63324] Re: Question
Message-ID: <v01540b00b4cf80e57c80@[192.168.76.12]>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

At 7:43 PM 2/15/00, Rich Wilkerson wrote:

>Hello to all. This may sound silly but.... How can I find out when I
>was first licensed? I never did keep my first license.
>--

You can contact the FCC directly, give them your name, callsign and
approximate year. They have those files and can send you verification.

Or, you can contact: I T S
1270 Fairfield Road, Suite 24,
Gettysburg, PA 17325
(717) 337-1435

They're some kind of pseudo-govt contractor that has access to the files.
They'll charge you a fee and get the information for you. (Cost to me was
\$27.88)

Good Luck!

Tom, WB7WSF

Tom Bessler, WB7WSF	E-mail: tbessler@OregonVOS.net
PO Box 217	
Seneca, OR	QRP-L # 2136 SOC # 174
97873-0217	N.Lat: 44.1123 W.Long: 119.2142

Date: Tue, 15 Feb 2000 22:57:46 -0800
From: dphilbin@thegrid.net
To: qrp-l@lehigh.edu
Subject: [63325] Help with 2N2222 Variac (VF0) needed
Message-ID: <38AA4A6A.37ECBF3D@thegrid.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dear fellow technocrats;

I am building the 2N2222/40 rig and I have just completed the VF0 and I
have not been able to obtain the frequency range required.

This is due I am sure to the fact that I am using a MV2301 in place of the specified MVAM109 varactor diode.

I have been unable to locate any data on the MV2301..while I can empirically determine the value I must change C10 (currently 120pf) to obtain the tuning range required I would like to calculate the value (given the capacitance vs voltage characteristics of the MV2301)of C10.

Does anyone have this info they are willing to share??

If possible, can someone offer a circuit to experimentally measure the capacitance vs voltage curve? I have a good DVM and the cap/inductance meter (L/C Meter IIB) from almost all digital electronics.

Thanks,

D.K. Philbin KD6TK

Date: Wed, 16 Feb 2000 01:00:08 -0600
From: "Cla KA0GKC" <ka0gkc@arrl.net>
To: <dave.g0dja@psilink.co.uk>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [63326] Re:Zepp Antenna (was tvi question)
Message-ID: <005b01bf784b\$7640c5e0\$0200000a@aplitech>

> OK - Here I wheel out my prejudice. What is a 'Center-fed zepp'?

As you correctly described in your post, a Zepp antenna was a German invention for the radio in a Zeppelin and it hung underneath as I recall. But I believe it was actually an approximate quarterwave of feedline and a halfwave of wire. A j-pole is a is a contemporary version of a Zepp. In the ham literature, the Zepp was usually described with the feedline vertical and the wire horizontal.

The center feed "Double Zepp" is described in older antenna books and makes some sense when you think about it. It's a fullwave doublet with an approximate quarter wave feedline to do the impedance matching. This antenna offers some gain as both halfwave elements operate in phase. A later improvement to this antenna was the "Double Extended Zepp" using a pair of 5/8 wave wires. This provides better spacing between the outside halfwave sections of the wires improving the gain a bit more.

As is often the case, the correct usage of antenna names gets blurred as the decades pass. The Double Zepp antenna is just a special case of a dipole or doublet. The Zepp is a type of end-fed resonant half wave antenna as is the J-pole.

If you think the Zepp name is abused, consider the poor Windom!

73 de Cla KA0GKC

Date: Tue, 15 Feb 2000 23:13:07 -0800
From: Rich Wilkerson <richqrp@home.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [63327] fcc form
Message-ID: <38AA4E03.6526E9B0@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello all, What is the "Sub-group ID number" on the form?

When I try to access my information on the FCC site, it asks for this number. On the form I can't see any type of SGIN #.

--

72's & 73's
Rich Wilkerson, Santee, Ca
WD6FDD

Date: Wed, 16 Feb 2000 07:00:42 -0500
From: "Dan Wolfe" <n4roa@mounet.com>
To: "Low Power Radio Discusion" <qrp-1@Lehigh.EDU>
Subject: [63328] Question
Message-ID: <200002161159.GAA145830@nss4.cc.lehigh.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Mornin' All,

I have been asked to teach a code class locally. Been involved in this a couple of times but would like to hear how others have taught a class. Thanks.

72...Dan, N4ROA

Date: Wed, 16 Feb 2000 07:01:39 EST
From: Shephed@aol.com

To: qrp-1@lehigh.edu
Subject: [63329] Re: FOX NW7DX
Message-ID: <31.153e040.25dbeba3@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 02/15/2000 10:46:46 PM Eastern Standard Time,
N10DL@aol.com writes:

> Looks like not ONE contact east of the big river tonight...now I do not
feel

> so bad...

> Aron

> N10DL

> Bedford, NH

> FISTS#4110 QRP-L#1326 G-QRP#9946 SOC#10

>

Ditto Aron. Had me worried for a bit.

72, 73, oo's

Dan, N8IE Kettering, Oh

FPqrp #-6, QRP-1 #1404, FISTS #4985, Zombie #667

<http://members.aol.com/shephed/n8ie.htm>

Date: Wed, 16 Feb 2000 04:08:13 -0800 (PST)
From: Timothy Fiebig <k2tf@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [63330] Re: Talking on cell phone while driving...
Message-ID: <20000216120813.4132.qmail@web3705.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Greetings All!

First let me say that I respect everyones opinion.

Yesterday, while at the gym on the treadmill, I saw
the Opera Whinfery show and the segment dealing with
driving distractions. Although I am not a talk show
fan, the program really made me think. Especially
after seeing the lady whose daughter whose little girl
was ran over by someone talking on a cell phone.

I have seen a lot of people talking on cell phones

oblivious to what was going on around them on the road. Yes, this also holds true for people messing with their car stereos, trying to eat dinner on the run, ect.

Yes, I am, like others, guilty to some extent. Is it really worth that kind of risk? Personally I couldn't live with myself if I killed another person while being distracted.

Eliminate it all and people will still get killed by the automobile, but I think we have to try and be responsible while driving.

One final observation.... I saw a police officer talking on a cell phone while driving his patrol car.

Nice forum along with a nice group of people. I use to subscribe a few years ago and after building a house, I am just getting active again.

Best Wishes,

Tim

Do You Yahoo!?

Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Wed, 16 Feb 2000 07:10:45 -0500
From: Peter_Simpson@ne.3com.com
To: qrp-1@lehigh.edu
Subject: [63331] OT: Palm Pilot satellite tracker
Message-ID: <85256887.00408500.00@usboxmta.ne.3com.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII

As many of you are aware, the shuttle is up there now, using a pair of radar imagers separated by a 200 ft boom to map the earth (actually, they're creating high resolution digital elevation models).

Monday, I happened to catch NASA TV on my cable system, which showed the shuttle's flight path reaches my latitude. So, I downloaded the current orbital parameters and plugged them into my Palm, to see when the shuttle came over Massachusetts.

It came over last night at 6:08, just when my Palm, running Jim Berry's PocketSat said it would. I had my Palm out, and watched the bright dot traverse the sky as the flashing box travelled down the arc on my Palm's screen. My wife and son, while they did manage to come outside briefly, (in response to my shouts of "Cool!" and "Wow, this is neat!") were somewhat less excited than I. :-)

If you have a Palm, and like doing satellite stuff, buying this program from Jim is the best use you can make of \$12.50. It's a bargain, and Jim has done a super job on it.

<http://www.emmgraphics.com/pilot/pocketsatinfo.html>

72,

Peter, KA1AXY

[I work for 3Com, and I bought my Palm through the employee discount plan. Just an enthusiastic user of Jim's software, for which I paid \$18]

Date: Wed, 16 Feb 2000 06:11:20 -0600
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [63332] Re: tvi question
Message-ID: <004501bf7876\$eff13660\$215c32cf@tcac.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

OK - Here I wheel out my prejudice. What is a 'Center-fed zepp'?

So, please, let's call a spade a *&))\$ shovel and a center fed dipole (not necessarily a half wave dipole) a doublet rather than something like a 'double Zepp'. It's not big, and it's not clever.

; -)

Cheers de Dave (G0DJJA)

*

Well, I have tried visualizing a "center fed zepp" trailing out the back of a zeppelin and it's not a pretty sight, I admit. You'd need two more flanking zeppelins for end supports. But I persist because I like the name. It sounds better than 'doublet'.

I admit to having my own tech-speak pet peeves, but Zepp ain't among 'em. How do you feel about Class C 'Linears'? Eeeeewh!

At least, thanks to QRP-L, I spell toroid correctly.

72,

Nick, WA5BDU
in Arkansas
SOC #36

Date: Wed, 16 Feb 2000 07:24:56 -0500
From: Peter_Simpson@ne.3com.com
To: qrp-l@lehigh.edu
Subject: [63333] Head Copy
Message-ID: <85256887.0043E5B2.00@usboxmta.ne.3com.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII

I'm learning, too. It takes a while. I have a Sony 2010 receiver next to my bed, and listen while I read or rest. I am beginning to hear strings of letters and they are starting to form words in my head.

You need to keep at it, and do it when you are relaxed. Otherwise, it's just too frustrating. I'm pushing 12 wpm now, but I have to keep at it. The hardest

thing for me is to spell words in my head. Apparently,
the buffer's only a few characters long. Your mileage
may vary, or you may be blessed with a longer buffer :-)

72,
Peter, KA1AXY
SOC #43

Date: Wed, 16 Feb 2000 07:39:59 -0500
From: "Pastor-kc1di" <ELBC@PIVOT.NET>
To: <K9nk@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [63334] Re: Weather proofing a vertical
Message-ID: <007a01bf787a\$f1108c40\$167961ce@elbc>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: <K9nk@aol.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Tuesday, February 15, 2000 3:54 PM
Subject: Weather proofing a vertical

> I was thinking of using either a spray can of clear coat enamel or Krylon
> on my R-7000 vertical. Wanted to get some thoughts on this or any other
> suggestions for weather proofing?
>
> I assume that doing this should have no effect on the vertical performance
> itself?
>
> Anything I should avoid doing when weather proofing?
>
> Thanks and please feel free to respond on the reflector or direct to me!
>
> 72's - Norm - K9NK
>
> email: k9nk@aol.com
>

Hi Norm,

I've used Krylon clear before but don't spray and plastic or rubber parts with it as it tends to make them crack prematurely. Also for all the compression joints use a compound such as No-OX you can get it or a similar product anywhere electrical supplies are sold..
73 Dave KC1DI

Date: Wed, 16 Feb 2000 07:37:49 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: n7kt@earthlink.net, qrp-1@Lehigh.EDU
Subject: [63335] low loss small Re: Tuner wanted
Message-ID: <20000216.074022.-253239.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Bob es Roger

A "low loss small QRP antenna tuner" . . .

>He is looking for a "low loss small QRP antenna tuner". If anyone
>has one,

From: n3aaz-qrp@juno.com
To: qrp-1@Lehigh.EDU, aweiss@usd.edu
Date: Fri, 11 Feb 2000 09:59:36 -0500
Subject: Zero-Weight Feedline AND No Commercial Tuner

> Ade< WORSP writes . . . "If you really are worried about the weight of
a feedline, why use one at all? Instead put up an end feed antenna
coupled to a tuner!"

My >N3AAZ< reply . . . and . . . why use a commercial tuner? . . .

Here is a portable antenna I use with
no feed line AND
no commercial tuner.

Yes, counterpoise is the key word for "short" (vertical) antenna, BUT
for "long" wire antenna the >L< network (one inductor and one capacitor)
is a very efficient random wire tuner AND the counterpoise is not
required.

Feeding the >L<

1) Locate the >L< at the base of the antenna (i.e. the base of the antenna is in the tent or sleeping bag with you (in my case a pop-up)).

2) No feed line,
connect the coil in series with the XCVR and ANT and
the capacitor to the XCVR chassis.

The >L< also offers one additional advantage, a low pass filter.

Connect like this (no coax). . .

<50 Ohm XCVR> - - - >COIL> - - - >*CAP*>- - - >ANT "377" Ohm long wire<

note . . .

"COIL" is SERIES with XCVR es ANT while

"CAP" is SHUNT (parallel) from the ANT to XMTR chassis ((i.e. one side of "C" connected to junction of "coil" es "ant" and other side of "C" connected to XCVR chassis)).

An example:

How the >L< network matches low Z (50 Ohm) to high Z (377 Ohm) . . .

First find Q

$Q = \text{Square root of } ((\text{HighZ} / \text{LowZ}) - 1)$

$Q = ((377 / 50) - 1) ^{0.5}$

$Q = 2.56$

Next find X(L), reactance of the matching coil.

$X(L) = Q \text{ times LowZ}$

$X(L) = 2.56 \times 50$

$X(L) = 128 \text{ Ohms}$

Next find the matching coil value

If $X(L) = 2 \text{ Pi } F L$

then $L = X(L) / 2 \text{ Pi } F$

$L = 128 / (6.28 \times 7.04\text{E}6) >> 7.040 \text{ MHz}<<$

$L = 2.89\text{E}-6 \text{ (} 2.89 \text{ u H)}$

The series inductor should be approximately 3 micro Henry

Next find X(C), reactance of the matching capacitor.

$X(C) = \text{HighZ} / Q$

$X(C) = 377 / 50$

$X(C) = 7.5 \text{ Ohms}$

Next find the matching capacitor value,

if $X(C) = 1 / (2 \pi F C)$
then $C = 1 / (2 \pi F X(C))$

$C = 1 / (6.28 \times 7.04E6 \times 7.54)$
 $C = 3E-9$
3 nano Farad or
0.003 micro F or
3000 pico F

For a 1:1 VSWR . . . : >) . . .
make the "shunt C" a variable capacitor.

If *for example* your SHUNT variable capacitor has a value from
100 pF to 1000 pF
with 500 pF center, then
calculate >from the example above<
 $(3000) - (500) = 2500$ pF and then
parallel fixed capacitors that total
approximately 2500 pF with the 1000 pF variable.

How about the >L< and the "short" antenna?

If matching high Z to low Z
(for example a 50 Ohm transmitter to a 15 Ohm vertical)
and YES a counterpoise is required,
the inductor is connected in series between XMTR and ANT
BUT the capacitor is connected DIFFERENT. Connect CAP SHUNT from
the XCVR / COIL junction (NOT the COIL / ANT junction) and XCVR chassis.

First find Q.
 $Q = \text{Square root of } ((\text{HighZ} / \text{LowZ}) - 1)$
 $Q = ((50 / 15) - 1)^{0.5}$
 $Q = 1.53$

Next find the reactance of the matching coil X(L).
 $X(L) = Q \text{ times LowZ}$
 $X(L) = 1.53 \times 15$
 $X(L) = 22.95$ Ohms

Next find the matching coil value
If $X(L) = 2 \pi F L$
then $L = X(L) / 2 \pi F$

$L = 22.95 / (6.28 \times 7.04E6)$ >>7.040 MHz<<
 $L = 0.519E-6$
0.519 micro Henry

or 519 nano Henry

The series inductor should be approximately 519 nano Henry

Next find the reactance of the matching capacitor $X(C)$.

$$X(C) = \text{HighZ} / Q$$

$$X(C) = 50 / 1.53$$

$$X(C) = 32.68 \text{ Ohms}$$

Next find the matching capacitor value,

$$\text{if } X(C) = 1 / (2 \text{ Pi } F C)$$

$$\text{then } C = 1 / (2 \text{ Pi } F X(C))$$

$$C = 1 / (6.28 \times 7.04\text{E}6 \times 32.68)$$

$$C = 6.92\text{E-}10 \text{ or}$$

$$C = 692\text{E-}12 \text{ (692 pico Farad)}$$

For ease of adjustment make this "shunt C" a variable capacitor.

If for example your variable capacitor has a value from 20 pF to 200 pF with 100 pF centre, then calculate >from the example above<,

$$(692) - (100) = 592 \text{ pF and}$$

then parallel fixed capacitors that total approximately 592 pF with the 200 pF variable.

John

N3AAZ

FM19xa

On Tue, 15 Feb 2000 15:38:43 -0700 Roger Hightower <n7kt@earthlink.net> writes:

>For some reason, Bob, WA2HOQ isn't able to get this to the List, and
>asked me to post for him.

>

>He is looking for a "low loss small QRP antenna tuner". If anyone
>has

>one, reply to: RangerSF5@aol.com

>--

>72.....Roger

>

>Roger Hightower, N7KT Mesa, AZ K2#591 SOC #14

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>
>Roger Hightower, N7KT Mesa, AZ K2#591 SOC #14

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Wed, 16 Feb 2000 07:43:14 EST
From: Wa3ptg@aol.com
To: Peter_Simpson@ne.3com.com, qrp-l@lehigh.edu
Subject: [63336] Re: Head Copy
Message-ID: <c3.1ea5aae.25dbf562@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I'm still struggling at 15 - 20 wpm in QSOs. I always listen to cw when in the shack. I'll be half listening to high-speed code while working on something and suddenly realize that I'm copying it. Then I stumble over a word, and it's just high-speed code again. Guess it just takes time.

72 DE WA3PTG "If it ain't CW, it's just CB"
Harry (Hap) Hurst NJQRP-EPAQRP
Wilmington DE QRP-L #1464

Date: Wed, 16 Feb 2000 07:42:14 -0500
From: "The One and Only!" <mitch96@pobox.com>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [63337] Ant Tuner question
Message-ID: <38AA9B26.272FE313@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,
Does Anyone know where I can get the info on Losses for the St LOuis tuner? I believe the St Louis qrp club kitted this rig a few years ago

and I have a gent that is interested, if the losses are acceptable
thanks

73, mitch ww4ml

lost in the ethers again.. --
__
\\\\

Date: Wed, 16 Feb 2000 07:47:38 EST
From: KROY@aol.com
To: qrp-1@lehigh.edu
Subject: [63338] Re: Talking on cell phone while driving...
Message-ID: <15.1401053.25dbf66a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 2/16/00 6:09:45 AM Central Standard Time, k2tf@yahoo.com writes:

>>First let me say that I respect everyones opinion.

I must say, that I think this is one of the reasons why everyone on this list seems to get along so well (MUCH better than some of the local hams in my area, I might add) - everyone realizes that everyone else has an opinion, too (on whatever topic), and respects that fact. This is really nice.

> Yesterday, while at the gym on the treadmill, I saw
> the Opera Whinifery show and the segment dealing with
> driving distractions. Although I am not a talk show
> fan, the program really made me think.

No doubt, people do not pay attention to their driving, like they should. But, I think there are other things that need to be addressed, that are the 'cause' of a lot more accidents than people talking on their cell phones. People in this area are some of the worse drivers that I've ever seen. Yet, people talking on their cell phones is not the problem. Rather, they are impatient and only think of themselves. They tailgate and they get mad if someone gets in front of them (I think 'road rage' was invented here). And drinking while driving takes the lives of MANY more people than 'talking while driving' on cell phones. So, while I don't doubt that 'talking while driving' is a problem in some cases, I think there are many other things that should be addressed first, in the effort to reduce traffic accidents and fatalities.

Now, to get this back 'on topic' (sorry for continuing to take it off):

Does anyone know of a few good places to find air variable capacitors?

John - KR0Y

Date: Wed, 16 Feb 2000 07:49:55 -0500
From: "The One and Only!" <mitch96@pobox.com>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [63339] FS 40 METER SHEILDED LOOP RECIEVER KIT
Message-ID: <38AA9CF3.46E527E3@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

made by jade products. has small 40 meter loop antenna and receiver that
uses a ne602 double input. See <http://www.jadeprod.com/slr.html> for more
info. I will throw in a tentec trans match kit and tentec enclosure.
Got it at Dayton last year and have realized that i have WAY to many
projects on my plate.
The whole shebang cost a lot more than the 100 bucks im asking.
thanks

--
73, mitch ww4ml

Date: Wed, 16 Feb 2000 08:05:45 -0500
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "Qrp1_Submit (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [63340] HB: HB Sierra Checks in to NOGA CW Net Tuesday but Fails KLN QN
I on Sunday
Message-ID: <66FCE0D1DF76D311913800805F6D0FA36E0A30@MAILSERVER1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Last night I finally checked into the NOGA CW net on 3.6864 MHz with my
still
> on the bench Homebrew Sierra @ 1 watt.
>
> BTW I turned the rig on about 15 minutes before the net and once the net
> started I didn't have to retune to hear anyone. So the stability is good
> enough at this point of testing.
>
> My HB Sierra is following along the model of Mike W3IRZ Branca's "Georgia
> Sierra" named somewhat tongue in cheek but actually describing his
> personal

> mutation of the NORCAL Sierra that deserves some discussion and note.
>
> Mike worked long, hard and alone to come up with several MODs to the basic
> NORCAL Sierra implementation that make it homebrewable, relatively cheap
> and
> a good performer. He has kindly made his MOD notes available to 7 of us in
> the NOGA club to try them out. This project like most others I have
> started
> occurred almost by chance. Ironically I had studied the ARRL Handbook
> Sierra
> construction article for years and always had put it aside because of the
> "special" xtals and etched PC boards to do. Mike found a way to solve
> these
> and other problems to make this project achievable by anyone with the time
> and patience to work at it. Thanks Mike for the inspirational push!
>
> His notable MODs are featured in the latest ARCI QRP Quarterly in an
> article
> titled " The Georgia Sierra". These special features include: a stable
> varactor VFO, a variable bandwidth 4.000 MHz xtal filter for the IF (The
> NORCAL and Wilderness use 4.915 MHz).
>
> The change in IF freq. accomplishes two important things: let's you use a
> cheap freq. ctr for freq. display since you don't need offsets to work
> with
> and (2) let's you use cheap standard computer xtals (\$.80 to \$1.00) for
> pre-mixing. Even the IF at 4.000 Mhz uses standard computer frequencies.
>
> There are actually relatively few in-band SPURS or Birdies to cause
> trouble
> and they can be minimized with a few extra MODs.
>

BTW since it's Homebrew rig and NOT commercial you don't have any concern about cutting traces and trying out MODs. I've looked through the NORCAL QRPP journals and picked several of the MODs discussed there. I planning on leaving the rig at the original power level as designed by Wayne (1-2 watts).

Warning: This level of MODing is more than most folks will want to attempt but the commercial Wilderness Sierra is a new and improved version of the NORCAL Sierra found in the ARRL Handbook. So if you want the lowest power consumption multi-band QRP rig available buy the Wilderness Sierra and the band modules of your choice and have some fun and learn a little too. Of course that K2 would be nice too.

> My goal is to put mine in a kiddy lunch-type box for field use but now
> it's
> just open on the bench waiting more MODs.

>
> I'll be adding a NOGA PIG, of course, for power monitoring and protection,
> noise blanker, PIC keyer and AF
> Hiss filter. In addition with Bob Confrey's clever help I'll add a Audio
> Frequency Annunciator (AFA) to send out the freq. in morse in the
> headphones. For field use this will save the batteries even more. I also
> plan a Wayne Burdick Noise Blanker (the QRPP article) for QRN situations.
>
> I'll be working on this rig between now and the next NOGA meeting in April
> (1st) to hopefully complete it for the NOGA field operation at Hawk Mtn
> about 1 hour NW of Dalonega and about 7.5 miles from the Southern end of
> the
> Appalachian Trail where we hope to operate via QRP radio with East
> Pennsylvannia QRP Club and other clubs along the way to have an
> Appalachian
> Trail event. This neat multi-day campout event will be April 14-15 +.
> Check
> the list and web page for more details.
>
> Here's the HB Sierra poised for action:
>
> <http://ae4gx.home.mindspring.com/hbsierraqni.jpg>
>
> Notice the NOGAPIG guarding the rig from the top of the gell cell and the
> 10
> mtr band module on the table next to the main board. The RIT and main
> tuning
> pot are located on the PC board L-shaped piece in front of the main board.
> I
> have RG-174 shielded cable to the main tune POT.
>
>
> My next working enclosure setup is to build a PC box the size of the
> target lunch box and assemble all the pieces BEFORE committing to the
> final
> enclosure. So at the next meeting in April it may be still in the
> temporary
> box.
>
> BTW I tried to QNI the Knightlite net KLN on Sunday night with this setup
> but the noise level was very heavy. Very different tonight thank goodness.
>
> I'm a Happy Camper hopefully real soon with my new field rig. Be listening
> on or around ALL HF bands for the 1 watt dynamo.
>
> Sam Billingsley AE4GX Atlanta, GA
> personal web page at <http://ae4gx.home.mindspring.com/>
> North Georgia QRP Club web page at <http://www.qsl.net/nogaqrp/>

>
>

Date: Wed, 16 Feb 2000 08:07:30 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [63341] FS:Wilderness Sierra w/5 Watt power mod
Message-ID: <200002160811_MC2-994B-ECD7@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
 charset=us-ascii
Content-Disposition: inline

Gang:

After much deliberation, have decided to part with my much beloved Sierra.
As you know, this rig is a terrific FOX hunter, contester, and DXer.
Bagged Ben Da FOX last evening, in fact.

This is a rig in exceptional condition, with a great heritage. It has been
fully aligned and tweaked by Wayne Burdick himself, who originally designed
the Sierra. It also includes the German QRP Club's power amp mod, so gives
a solid 5 watts (+) on every band.

Includes the modules for every ham band except 160, and these modules have
been individually calibrated for optimum performance.

Price = \$500.00. This includes all documentation and insured UPS shipping
in the continental USA. If interested, please let me know.

72,

--Doc Lindsey/K0EVZ
DSBF
PO BOX 6028
Bismarck, ND 58506
K0EVZ@arrl.net

Date: Wed, 16 Feb 2000 08:15:38 -0500
From: Zack Lau <zlau@arrl.org>
To: qrp-l@lehigh.edu
Subject: [63342] Re: FYBO / FUBAR: QRPP mayhem.
Message-ID: <38AAA2FA.381946B6@arrl.org>
Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Has anyone tried swapping the electrolytic caps with tantalums to see whether the rigs work better in FYB0? Zack W1VT

Date: Wed, 16 Feb 2000 06:25:11 -0800
From: Dick Carroll <dixie@townsqsr.com>
To: plburbank@kih.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [63343] Re: List:volume
Message-ID: <38AAB347.795FDE89@townsqsr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Pete Burbank wrote:

>
>
> The problem with some not using accurate subject titles
> is the ultimate degradation of any future effort to archive
> the tech info

Yeah, that IS the problem. I've found that a thread name often has little to do with its content after a couple exchanges, people just use the 'reply' key and often tech info that I would keep would be lost, or not even read if I don't at least glance at the body of each message

Dick W0EX

Date: Wed, 16 Feb 2000 08:26:46 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: wb8rcr@arrl.net, qrp-1@Lehigh.EDU
Subject: [63344] ME T00, Re: Managing the list traffic
Message-ID: <20000216.082820.-20239.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

For whom the subject

> > ME T00 < < es etc . . .

. . . just, hit delete now : < (

else . . .

>John WB8RCR< said . . .
"this list is prodigious and
there is a lot of good"

Tnx John, ME T00.

How I manage the traffic. . .

My e-mail has a "sort switch", either;

1) subject

2) sender

3) date

4) status

When I get enough of one I switch to another.

I am also very fortunate to have an ON / OFF switch too : >))

John
N3AAZ
FM19xa

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 16 Feb 2000 09:53:31 -0400
From: Kevin bowles <kevin@telecom.bm>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [63345] unsubscribe
Message-ID: <38AAABDB.C0A51495@telecom.bm>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

unsubscribe

Date: Wed, 16 Feb 2000 09:08:08 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <bowerm@ix.netcom.com>, "Low Power Amateur Radio Discussion" <qrp-
l@lehigh.edu>
Subject: [63346] Re: HTX-10 vs HTS-100
Message-ID: <007801bf7887\$462aee80\$9001a8c0@mikey>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I have never used phone in the HF bands but am considering jumping.
>
> Could someone (or all - the more the merrier) enlighten me as to the
> similarities and differences between the current HTX-10 and the older
> HTS-100 (is that the correct name?)? In particular, what are the
advantages
> and disadvantages of each.

The HTX-100 and the HTX-10 are supposedly both excellent rigs.

The HTX-100 has CW and USB only. And power is selectable as high for all she got (about 25w) or low (about 5w). Easily adjustable inside the unit. Going price used (my perception) was between \$100 and \$140 for 'reasonable' units.

The HTX-10 has AM, FM, USB, and LSB but no CW. I believe it is about 25wPEP on SSB, don't know about AM or FM. Reportedly a nice rig for the money. I expected it to drive down the used prices of HTX-100s but that hasn't happened locally. It has actually caused the HTX-100s to 'dry up'.

BOTH units are 12v DC, and all you need to get going is power and antenna.

I personally have a RS Deluxe CB Mag Mount antenna I've used with my HTX-100. It works just fine in the mid to lower 28Mhz area with no cutting to tune. From the car, commuting to work when I got the thing when they were 'brand new', I've worked around the US, the Caribbean, Europe and the USSR.

In fact, one day on the way to work there was this obnoxious "I'm an American station, with an American rig, and an American antenna"

call out trying to 'break in' on a conversation between a guy in the former East Germany and the other just outside Moscow, both talking in english. They acknowledged the guy and blew him off. I figured why not, so I set the HTX-100 for LOW power and threw my call out. These guys were absolutely FASCINATED that I was mobile and QRP. We talked for about 25 minutes or so. Although I actually had to go to high power to 'sign off' when I pulled into the parking lot at work.

Mike

> Two major questions - 1) Can I control power output on it
> easily and
> without voiding the warranty? 2) If I go for the newer model, what
> besides
> the radio itself do I need to buy to take it home and start using it
> that
> night? Assume I already have an antenna and tuner.
>
> TIA
>
>
> Michael - N4NMR
>
>
>

Date: Wed, 16 Feb 2000 08:52:06 -0500
From: "Ed Hare, W1RFI (w1rfi@arrl.org)" <w1rfi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [63347] Re: Tuna Tin QSO
Message-ID: <88ea8c\$6o8\$1@p1k.arrl.org>

N10DL@aol.com wrote in message <88d54p\$eb5\$1@p1k.arrl.org>...

>Just had a great QSO with Peter, N9SSA/ag who was using the
> Tuna Tin2. He was located in MI and I am in NH, using my OHR400
> at 3 watts into a Windom up 45' Peter really was buried in the QRN
> but we got all the information. I am really glad I have just ordered
> one of these rigs. this is the second TT2 QSO I have had in the last
> month. I am really impressed with this rig. Great going Peter, Hope
> to hear you again soon...
>Aron

>N10DL/qrp

Hello, Aron,

Yes, that little TT2 rig is a LOT of fun. I have been priveleged to be the holder of the *original* TT2, built by Doug DeMaw in '76, in the ARRL Lab. It has been on the air from CT, AZ, CA, CO and WV, as W1RFI or as W1AW. I managed to get back up on my roof last night to do a bit of antenna work, so I will be operating the original as W1RFI/QRP over the weekend from home, look for me Friday, Saturday and Sunday evenings, if you want a QSO with the original. (I always watch Star Trek Voyager on Saturday.) Look for me around 7039.5 and/or 7042.5 kHz, the resonance of my two crystals. I normally tune around quite a bit, so if you are on 7042 kHz (the frequency where most of the NJ QRP crystals resonate), give me a long call.

I have a few other operating events planned that will feature the original Tuna Tin 2. The next is going to be on 2/26 evening and 2/27, pretty much all day. The original will be on 40 M, with another station on 20 M, so the West Coast folks will have a shot at working the event. This one is the "Great Super Secret QRP Special Event." I won't tell you what call we are going to use, but you will know it when you hear it. (If anyone figures it out, keep it a secret, please!) Another special event is in the works for late March, at a portable location to be announced, where folks will get an opportunity to operate the original. :-)

As an interesting aside, since it was lost and found a couple of years ago, it has made 404 QSOs! Speaking of 404 QSOs, I am finally caught up on QSLing, so you will get a QSL and a nice certifi-cat for working the original.

73,
Ed Hare, W1RFI

Date: Wed, 16 Feb 2000 08:58:53 -0500
From: Wayne A Smith <k8ff@juno.com>
To: qrp-l@lehigh.edu
Subject: [63348] FS MINT HW-9
Message-ID: <20000216.085858.7398.0.k8ff@juno.com>

Hi Gang, My mint condition HW-9 is available. It has no marks or scratches of any kind, has WARC bands and all manuals and drawings. It is 100% stock with NO modifications, it even has the original power cord. This radio is collector quality and ready to go. I am asking \$300 FIRM

plus UPS shipping. Your money back if not completely satisfied.

72, Wayne K8FF

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 16 Feb 2000 06:16:05 -0800 (PST)
From: Curt Milton <wb8yyy@yahoo.com>
To: bowerm@ix.netcom.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [63349] Re: HTX-10 vs HTS-100
Message-ID: <20000216141605.8253.qmail@web2004.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Michael,

here is what (little) i know. I had been looking for a used HTX-100 but I never found one at a reasonable price (you gotta shop for these things at the sunspot minima!).

I did buy an HTX-10. It is smaller than the older HTX-100 introduced at the last sunspot peak, and it costs about \$ 100 less (so given inflation its about half price of the HTX-100).

The HTX-100 has CW and i believe a 100 Hz synthesizer, but it lacks FM. FM can be a fun mode on 10m but its not the mainstream - thats SSB and CW.

I am impressed overall with the HTX-10. It has a decent receiver. 25 watts is just 1 s unit below my 100 watt rig so its pretty inconsequential 98% of the time. the output power level can be controlled via the mike gain control - so no need to modify or adjust inside the rig for this. adjusting this for say QRP is not hard - except for the fact that you can't put out a CW carrier to adjust the power or even check your antenna's VSWR. omitting CW is just plain stupid -even if the intended user just plans on operating

voice.

what's peculiar about this rig is that it tunes in 1 kHz steps. fine tuning is accomplished with a different knob. I found that this works ok, since what i do is tune the fine tuning to center. when stations are operating on even even KHz freq. they are copiable when you tune across the band. otherwise, you can tell they are there and fine tune them. the other strange inconvenience is that this rig does not offer RIT or a traditional second VFO for split operation. instead, a transmit offset is programmed in just like VHF FM rigs. this works but it is a little clumsy.

for casual operation on 10m this rig is "OK." its no problem to work casual DX when propagation is good. a fancier rig would only provide a better receiver and operating convenience for split operation. I mainly bought this rig to use with a 2 meter transverter that uses a 10m IF, and for operating satellite when I need a 10 meter receiver.

(editorial) while a good value, I believe the manufacturer did us a diservice by not offering CW. i would easily pay the \$ 10-20 more dollars it would cost for this feature. as for phone, its great that we can operate so many modes. just don't let this toy keep you from operating CW. if buying this rig keeps you from saving a down payment for say a used all band rig or a K2 then maybe i would consider not buying it. but for "an extra" useful rig in the shack or in the car this rig is a decent value.

Out of the box all you need is a power supply - 12 volts to run this. I use an Astron 20A supply since i have a 100 watt level rig. For this rig 8A is sufficient - you might check the rating to see if you can go lower but its better to have some margin. Given the difficulty to tune VSWR with this rig - i would work with a matched antenna like a dipole and forego the tuner, etc. nothing against tuners - i use one on 160-30 meters all the time - it ain't easy to tune an antenna with a rig that can't do CW! the hand mike that comes with a the rig is decent - in fact the up/down tuning buttons on it are the best way to tune this rig. by the way, i use a homebrew 2 element quad on 10m and this is great both QRP and QRO,

particularly under marginal conditions. it costs just a little more than a dipole, but isn't that big. mine is manually rotated.

by the way an external CW adapter has been designed and posted to this list. I have not tried this yet. I suspect to get zero beat one would have to adjust the offset control for say 800 Hz - but once the setting is right it probably isn't a problem to do this. I haven't read much evaluation of how clean this circuit works - but i may try it eventually.

anyway i hope this helps you consider whether you indeed need one of these in your shack.

Curt WB8YYY

--- Michael Bower - N4NMR <bowerm@ix.netcom.com>
wrote:

> I have never used phone in the HF bands but am
> considering jumping.
>
> Could someone (or all - the more the merrier)
> enlighten me as to the
> similarities and differences bwtween the current
> HTX-10 and the older
> HTS-100 (is that the correct name?)? In particular,
> what are the advantages
> and disadvantages of each.
>
> Two major questions - 1) Can I control power output
> pn rithrt one easily adn
> without voiding the warranty? 2) If I go for the
> newer model, what besides
> the radio itself do I need to buy to take it home
> anf start using it that
> night? Assume I alread have an antenna and tuner.
>
> TIA
>
>
> Michael - N4NMR
>
>
>

Do You Yahoo!?

Talk to your friends online with Yahoo! Messenger.

<http://im.yahoo.com>

Date: Wed, 16 Feb 2000 09:23:46 EST
From: KR0Y@aol.com
To: qrp-1@lehigh.edu
Subject: [63350] Re: Air Variable Capacitors
Message-ID: <bd.1120699.25dc0cf2@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 2/D/YY 6:19:28 AM Pacific Standard Time, "Bruce Muscolino"@erols.com writes:

<< Otherwise, I am afraid you will have to look carefully at hamfest tables. You can find used caps and new onew there. Know what you want and look carefully for cracks or broken parts. >>

Actually, I was looking for some for 'production' use, for a project that I may put on the market. Oh well....guess I'll figure out something else.

John - KR0Y

Date: Wed, 16 Feb 2000 08:30:31 -0600
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <Wa3ptg@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [63351] Re: Head Copy
Message-ID: <00c401bf788a\$617c0180\$05987b7b@CSS0048.bergenbrunswick.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Similar experience here. I've been listening to 22 wpm tapes while driving - yea, I know the old distraction thing but I'm doing this on the Interstate out of town so the volume of traffic is not the same as in town. Anyhow, I have to really concentrate more on listening to the code as the "driving" provides more of a distraction. I'll get the first word of sentences ok, and then some stuff in between. My biggest problem is avoiding the tendency to focus on a group of sounds (maybe a couple of characters) and miss what comes next. I find myself thinking about those (or that one), and just as Harry says, the following becomes a blur I have to jump back into. Maybe we're talking about the same thing.

I rotate between a tape containing typical QSO material and one containing a small excerpt from Boethius' Consolation of Philosophy (just so I don't start memorizing).

Sounds to me like from what everyone is saying. Just do it and then do it some more. It'll come.

I hope so!

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@pipeline.com
May Goddes love blest ye alle
SOC#198

-----Original Message-----

From: Wa3ptg@aol.com <Wa3ptg@aol.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Wednesday, February 16, 2000 6:44 AM
Subject: Re: Head Copy

>I'm still struggling at 15 - 20 wpm in QSOs. I always listen to cw when in
>the shack. I'll be half listening to high-speed code while working on
>something and suddenly realize that I'm copying it. Then I stumble over a
>word, and it's just high-speed code again. Guess it just takes time.

>

>72 DE WA3PTG "If it ain't CW, it's just CB"
>Harry (Hap) Hurst NJQRP-EPAQRP
>Wilmington DE QRP-L #1464

Date: Wed, 16 Feb 2000 08:30:59 -0500
From: "Pete (N9SSA)" <n9ssa@arrl.net>
To: N10DL@aol.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [63352] Re: Tuna Tin QSO
Message-ID: <4.2.2.20000216082331.00c502c0@mail.iserv.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Yah, thanks for the fine QSO, Aron!

You were the first contact with the TT2 - Seeing as I didn't have access to that part of the band before last week. You were my first General band

contact as well! FB!

Rig worked like a champ. Running almost all home brew for the QSO: NJQRP TT2 Kit @ 500mw, 40M dipole, Logikey (?) keyer kit (I built some years ago, and home brew paddles. The paddles are made of a block of wood, a bunch of nails, a couple of those little metal coverplate-tabs from the back of a pc, and a couple of microswitches stolen from a broken mouse! Ugly but it works!!!

I need to check the direction on my Dipole... we may have been talking a bit of the end!

Long live homebrew!

I've been QRPing for some time, but only as a Tech+ Sure is great to join you folks on 7040+-... I was amazed to hear someone call CQ on 7040 once and have an instant pile up... I'm a bit QRS, but I gotta wonder if that wasn't the Fox...

73!

At 10:21 PM 2/15/00 , N10DL@aol.com wrote:

>Just had a great QSO with Peter, N9SSA/ag who was using the Tuna Tin2. He was
>located in MI and I am in NH, using my OHR400 at 3 watts into a Windom up 45'
>Peter really was buried in the QRN but we got all the information. I am
>really glad I have just ordered one of these rigs. this is the second TT2 QSO
>I have had in the last month. I am really impressed with this rig. Great
>going Peter, Hope to hear you again soon...

>Aron

>N10DL/qrp

>Bedford, NH

>FISTS#4110 QRP-L#1326 G-QRP#9946 SOC#10

N9SSA - Pete Hoffswell

Holland, MI - EN62wt - 42.79N 86.15W

n9ssa@arrl.net

QRP-L #2109

Date: Wed, 16 Feb 2000 07:27:11 -0800 (PST)

From: Monte Stark <ku7y@dri.edu>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [63353] Re: FOX NW7DX

Message-ID: <Pine.GS0.4.10.10002160725580.13361-1000000@rotor.dri.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

> > Looks like not ONE contact east of the big river tonight...now I do not
> feel so bad...

> >

> Ditto Aron. Had me worried for a bit.

>

Wow, I hope those two guys from FL don't read this! :-)

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

Date: Wed, 16 Feb 2000 07:31:41 -0800
From: "NA6E" <na6e@qsl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [63354] mpf102/2n4416A
Message-ID: <LPBBKMHGKJHAFCHLDJBAAEHOCBAA.na6e@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The project I'm working on requires a mpf102. What I have is a bundle of 2n4416A's. This was Mouser's cross-reference and after checking Paul's book, it looks like I should be able to use the 2n4416 but....these have 4 leads instead of three and I think one of them is case ground. Do I just snip this off and use the G,S and D leads or what? If these wont work I can always run out to Fry's and get the 102's.

73

Mary, NA6E

Sacramento, CA

QRP-C #7 QRP-ARCI #9923 WHINER'S #2

Date: Wed, 16 Feb 2000 10:33:53 -0500

From: "Pete (N9SSA)" <n9ssa@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [63355] Re: Tuna Tin QSO [Calculating Miles/Watt]
Message-ID: <4.2.2.20000216103258.00c49210@mail.iserv.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I calculated the dist on my recent qso with n1odl. en62wt -> fn42gv

Bearing 85.6358 degrees
Distance 741.593 miles, 1193.4 km

1483 miles per watt... woo woo! I think that's a new personal record.

Thanks to Kc6uut for the great website for calculating Distances...

<http://www.qsl.net/kc6uut/>

Thanks to Buckmaster for good location info too.

http://www.buck.com/cgi-bin/do_hamcall

Anyone know a better way to calculate distance on line?

At 08:30 AM 2/16/00 , you wrote:

>Yah, thanks for the fine QSO, Aron!

>

>

>

>At 10:21 PM 2/15/00 , N10DL@aol.com wrote:

>>Just had a great QSO with Peter, N9SSA/ag who was using the Tuna Tin2. He was
>>

>>Aron

>>N10DL/qrp

>>Bedford, NH

>>FISTS#4110 QRP-L#1326 G-QRP#9946 SOC#10

>

>

>N9SSA - Pete Hoffswell

>Holland, MI - EN62wt - 42.79N 86.15W

>n9ssa@arrl.net

>QRP-L #2109

N9SSA - Pete Hoffswell

Holland, MI - EN62wt - 42.79N 86.15W

n9ssa@arrl.net <http://www.qsl.net/n9ssa>

QRP-L #2109

Date: Wed, 16 Feb 2000 09:33:31 -0600
From: Richard Matthews <prm@hiwaay.net>
To: n9ssa@arrl.net, qrp-l@lehigh.edu
Subject: [63356] Re: Tuna Tin QSO
Message-ID: <3.0.1.32.20000216093331.009e5bb0@hiwaay.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Aron N10DL, must have an ear for TT2's. He gave me my longest contact with mine, (3,220 MPW) about a month ago. My setup was: TT2 300 milliwatts, inverted vee abt 35 feet up, DSW-40 as the receiver, WM-2 watching the power, and ZM-2 tuning the already tuned vee and he had to copy my ragged straight keying, since I have not modified the TT2 to use a keyer.

Congrats Pete on moving up. Sounds like your homebrewing skills are growing also. This is loads of fun and after listening to some phone on 75 meters the other night, it is good to be a part of this group where cranial neurons are still sparking and connecting:-) I actually heard some fellows discussing their thoughts that they could not understand why anybody would want one of those computer machines. I imagine they would have even a harder time understanding why anyone would want to use any transmitter built into a tuna can:-) For QRPers no explanation is necessary, for non-QRPers no explanation will answer it.

There are some thinkers on this list for sure and being a part of this group is time well spent.

73,

Richard WA4NWW Tuna Tin II op in Northeastern Alabama on the banks of the Tennessee River

At 08:30 AM 2/16/00 -0500, you wrote:

>Yah, thanks for the fine QSO, Aron!

>

>You were the first contact with the TT2 - Seeing as I didn't have access to
>that part of the band before last week. You were my first General band
>contact as well! FB!

>

>Rig worked like a champ. Running almost all home brew for the QSO: NJQRP
>TT2 Kit @ 500mw, 40M dipole, Logikey (?) keyer kit (I built some years ago,

>and home brew paddles. The paddles are made of a block of wood, a bunch of
>nails, a couple of those little metal coverplate-tabs from the back of a
>pc, and a couple of microswitches stolen from a broken mouse! Ugly but it
>works!!!
>
>I need to check the direction on my Dipole... we may have been talking a
>bit of the end!
>
>Long live homebrew!
>
>I've been QRPing for some time, but only as a Tech+ Sure is great to join
>you folks on 7040+-... I was amazed to hear someone call CQ on 7040 once
>and have an instant pile up... I'm a bit QRS, but I gotta wonder if that
>wasn't the Fox...
>
>73!
>>Aron
>>N10DL/qrp
>>Bedford, NH
>>FISTS#4110 QRP-L#1326 G-QRP#9946 SOC#10
>
>
>N9SSA - Pete Hoffswell
>Holland, MI - EN62wt - 42.79N 86.15W
>n9ssa@arrl.net
>QRP-L #2109

Date: Wed, 16 Feb 2000 09:39:08 -0600
From: Robert Perkins <rperkins@gte.net>
To: qrp-l@Lehigh.EDU
Subject: [63357] Re: Time to Unsubscribe?
Message-ID: <3.0.5.32.20000216093908.0085b210@mail.gte.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

This is the first time I've broken my lurk only status on this list, after
8 months or so. I just can't hold back any more.

I thought the subject tags were wonderful when Chuck set that program up.
There might be times when FS (for sale) would be detrimental to my sex
life, and others when I want to read them all.

FOX is another perfect example of something in which I do not now
participate, but I'm sure that will change. To this day I am unable to
comprehend how that system was such a burden that it was abandoned in short

order.

Date: Wed, 16 Feb 2000 08:45:34 -0600
From: wa7lnw@infowest.com
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>, Elecraft List Server <elecraft@qth.net>
Subject: [63358] ZK2CA 160 Meter Contact by K-2 #660
Message-ID: <20000216154223.7313320F3A@infowest.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Major K-2 and 160 Meter MOJO!

160 meter contact with Al, K7CA who is operating as ZK2CA from Niue out in the south pacific.

Worked him with my K-2 #660 running 5 watts to an inverted-L antenna up 60 feet!

K-2 "160/2nd antenna option" allows me to use my 300 ft. beverage listening antenna on 160 meters. Makes a big difference!

Date: Februrary 12th
Time: 0818 UTC
Station: ZK2CA, Niue
Freq: 1.828
My RST: 449
His RST: 589 (receiving antenna 300 ft. beverage wire)

Right time...and right frequency!

73's de Jack, WA7LNW

Date: Wed, 16 Feb 2000 10:47:11
From: Larry Kosch <larrykosch@glasscity.com>
To: qrp-1@lehigh.edu
Subject: [63359] FS HTX-100 10m.
Message-ID: <3.0.6.16.20000216104711.221f3468@glasscity.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

HI GANG

Have a extra rig for sale...RS the HTX100 10m. cw and ssb...Runs
5w. and 25w. with mike and manual...In good shape...Will sell
for \$130 shipped in the US 48states...Will new money order and please
post direct to my e-mail...

Larry...K8EJU

LARRY K8EJU larrykosch@glasscity.com

QRP-L #364 ARCI #8012 NORCAL #939 MICH #994 K8EJU LARRY MAUMEE,OHIO

Date: Wed, 16 Feb 2000 07:53:08 -0800
From: "Wyman, Michael D" <michael.d.wyman@intel.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [63360] FS: Sierra radio . . .
Message-ID: <3D33CF40366DD111AC4100A0C96B22AC07A566BA@fmsmsx34.fm.intel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi all,

I am posting this for a close friend and fellow amateur K8AJR, John
in Ohio. He has a Wilderness Sierra Transceiver with the following
additions:

The Buzz Not noise blanker installed

The KC-2 freq display/keyer/power meter installed

Frequency modules for 40m, 30m, 20m, 17m, 15m, and
10m.

The Sierra was professionally build and is very clean.

He is selling it because he now has a K2 and the Sierra is sitting on the shelf. He said he would rather have it being enjoyed by another QRP'er.

He is asking \$375 for the complete set up plus shipping.

Please respond to him, not me at the following Email:

Saveway@cboss.com

Thanks for the
bandwidth all,

W1DRY
tester 019 and #397

72 de Mike Wyman
K2 Field

Date: Wed, 16 Feb 2000 08:56:39 -0700
From: "Ron Smith" <resmith666@uswest.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [63361] Re: Time to Unsubscribe?
Message-ID: <036f01bf7896\$735a79c0\$02000000a@NET.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I thought the subject tags were wonderful when Chuck set that program up.
>
> To this day I am unable to
> comprehend how that system was such a burden that it was abandoned in
short
> order.

Well put Robert! In fact, Chuck's system cut my filters down from 115 to just a few. As Chuck would post the suggested tags I would implement them. WHAT A TIME SAVER!

It is unfortunate that the self-professed List God's and the lesser self-professed List Police didn't give it a chance! How disgusting that

they caused a fine man like Chuck to abandon the list he started.

No flame - just my right to exercise MH0.

Ron Smith - KD7VD - Boise, Idaho
WHINERS #7 SOC #47

Date: Wed, 16 Feb 2000 11:19:21 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <rperkins@gte.net>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [63362] Was 'Time to Unsubscribe?' now subject lines
Message-ID: <003d01bf7899\$a36507e0\$9001a8c0@mikey>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> This is the first time I've broken my lurk only status on this list,
> after
> 8 months or so. I just can't hold back any more.
>
> I thought the subject tags were wonderful when Chuck set that program
> up.
> There might be times when FS (for sale) would be detrimental to my sex
> life, and others when I want to read them all.
>
> FOX is another perfect example of something in which I do not now
> participate, but I'm sure that will change. To this day I am unable
> to
> comprehend how that system was such a burden that it was abandoned in
> short
> order.

Robert,

I agree, but really only to a certain point. Yeah, there are post
that are a waste of time, and I'm sure there's a few fans of mine that
think I should have my own topic to be blocked, but as long as people
are descriptive and honest in their subject line, I don't see the
problem.

It might make it just a bit easier to have 'descriptive' prefixes, like
FS: or
FA:, or even OT:, but there's only so far you can take this

'pre-category'
thing. I mean, I don't keep a manual or 'cheat sheet' next to my
computer
with a list of 'qualifiers' for topics on the group. If I had to look
up in a
list and decide "where does 'this' fit" I'd can see where it quickly
would
fall into disuse by some. And once there is a perceived departure from
the use of the qualifiers, then most everyone follows, eventually.

So I guess the bottom line is you can fix it until it's unusable, or
until it's
not fun to use, or until it's broke. Or you can just leave it alone. I
personally think that if people just try to be 'somewhat' descriptive on
the topic line, then that's fine. But then, that's my opinion, and for
that alone, I sure one or two will feel otherwise. Your mileage may
vary.

Mike

Date: Wed, 16 Feb 2000 10:05:10 -0600
From: "Bob Reynolds" <breynold@sigg.com>
To: <qrp-l@Lehigh.EDU>
Subject: [63363] LAMARS HAMFEST
Message-ID: <00Feb16.100512cst.155025@firewall.sigg.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

Is the LAMARS Hamfest (LAMARSFEST) going to be held this year ? I have =
not seen anything on it anywhere.

Date: Wed, 16 Feb 2000 16:34:19 -0000
From: "Dillon, W" <w.dillon@ic.ac.uk>
To: "'qrp-l@lehigh.EDU'" <qrp-l@lehigh.edu>
Subject: [63364] Meet for a beer/coffee/ragchew?

Message-ID: <38CF2360EE0CD211952500A0C9498CE701C35B52@icex3.cc.ic.ac.uk>
MIME-Version: 1.0
Content-Type: text/plain

Hello Guys and Gals on the QRP list.

Firstly please forgive this off topic posting but as we all have a common interest.....

My Daughter and I are visiting the USA next week, starting in Miami FL and moving to Orlando, Memphis, Nashville, Sevierville, Michigan (maybe) and wondered if there were any of you who would be interested in spending a couple of hours socialising if we're in your area and it's convenient. We're travelling on Greyhound 'Ameripasses' and would like to see as much as possible but also to meet some of you fine folks. If anyone is interested please e-mail me direct with a 'phone number and a convenient time to call.

Thanks in advance

Wayne - G0JJQ G-QRP-5233 FISTS-0851 (Avid Ten-Tec user and QRP'er!)

Wayne S. Dillon
I.C. Estates division
Imperial College of Science, Technology and Medicine
Exhibition Road
South Kensington
London
SW7 2AZ

0207 594 9030
0973 321 733

w.dillon@ic.ac.uk

Date: Wed, 16 Feb 2000 11:41:58 EST
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [63365] QRP testignor
Message-ID: <10.c21ba5.25dc2d56@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

test only

Bob
WA2HOQrp <tm>

Date: Wed, 16 Feb 2000 10:45:37 -0600
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [63366] QRP?
Message-ID: <0974781F4FC8D211A24600902727E806011B1EC8@saturn.rose.cc.ok.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

How many miles per watt is 100 watts round trip to the moon and back? Would this be considered moon-bounce QRP?

Hal

Date: Wed, 16 Feb 2000 11:50:45 EST
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [63367] RCVR??
Message-ID: <c0.15ccc5b.25dc2f65@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I note a lot of qrp transmitters such as the CUBIC INCHER, TT2, PEANUT WHISTLE, etc folks build. Do any of you use them in the field and if so I was wondering what you folks use in the field for the receiver? Is the Ten Tec regen satisfactory for cw? Alan KB7MBI

Date: Wed, 16 Feb 2000 11:57:15 -0500
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: <na6e@qsl.net>
Cc: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [63368] RE: mpf102/2n4416A
Message-ID: <000a01bf789e\$e0f0b320\$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mary, go ahead and use the 4416s. Simply ground the case pin. It shields the silicon inside! Also, don't snip leads with a sidecutter pliers. Use a pair of scissors. Some devices are susceptible to wire-bond failures internally when the shockwave from a snip reaches the bonding pad.

GL es vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of NA6E

Sent: Wednesday, February 16, 2000 10:32 AM

To: Low Power Amateur Radio Discussion

Subject: mpf102/2n4416A

The project I'm working on requires a mpf102. What I have is a bundle of 2n4416A's. This was Mouser's cross-reference and after checking Paul's book, it looks like I should be able to use the 2n4416 but....these have 4 leads instead of three and I think one of them is case ground. Do I just snip this off and use the G,S and D leads or what? If these wont work I can always run out to Fry's and get the 102's.

73

Mary, NA6E

Sacramento, CA

QRP-C #7 QRP-ARCI #9923 WHINER'S #2

Date: Wed, 16 Feb 2000 12:00:29 EST

From: KF4YYD@aol.com

To: qrp-l@lehigh.edu

Subject: [63369] Twin-T AF Osc.

Message-ID: <31.1554ded.25dc31ad@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

All,

I have built and rebuilt the twin-t osc. described in the '97 handbook with absolutely no luck. It is listed in chapter 26 test procedures and projects. They (ARRL) claim that the output is taken across C1, where the harmonic distortion is the least. Is this correct??? It would seem to me that the output should be taken off of the collector, and that the twin-t

arrangement is part of the ckt. input.

Any thoughts?

de Tom KF4YYD

Date: Wed, 16 Feb 2000 12:02:40 EST
From: Shephed@aol.com
To: qrp-1@lehigh.edu
Subject: [63370] Re: FOX NW7DX
Message-ID: <9a.1307da5.25dc3230@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 02/16/2000 10:28:28 AM Eastern Standard Time, ku7y@dri.edu writes:

> > > Looks like not ONE contact east of the big river tonight...now I do not
> > feel so bad...
>
> > >
> > Ditto Aron. Had me worried for a bit.
> >
>
> Wow, I hope those two guys from FL don't read this! :-)
>
>
> 73, Ron
>
Those guys in FL don't count, there just like them pesky Texans, they hear everything. :-)

72, 73, oo's
Dan, N8IE Kettering, Oh
FPqrp #-6, QRP-1 #1404, FISTS #4985, Zombie #667
<http://members.aol.com/shephed/n8ie.htm>

Date: Wed, 16 Feb 2000 12:01:09 -0500
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: <Peter_Simpson@ne.3com.com>
Cc: "QRP-L (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [63371] RE: Palm Pilot satellite tracker
Message-ID: <000b01bf789f\$6cd513e0\$5c32a7d0@ispchannel.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ahoy Peter!

Good to see your post. Thanks for the URL. Very interesting indeed.

(1) I have a Palm Pilot Professional (v2). Is that suitable for running this code, or do I need a Pilot 3 or later? Gosh, I had another one too, but gave it to WA1VOH as a Christmas present.

(2) When is the next Harborcon?

Watsa?

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Peter_Simpson@ne.3com.com

Sent: Wednesday, February 16, 2000 7:11 AM

To: Low Power Amateur Radio Discussion

Subject: OT: Palm Pilot satellite tracker

As many of you are aware, the shuttle is up there now, using a pair of radar imagers separated by a 200 ft boom to map the earth (actually, they're creating high resolution digital elevation models).

Monday, I happened to catch NASA TV on my cable system, which showed the shuttle's flight path reaches my latitude. So, I downloaded the current orbital parameters and plugged them into my Palm, to see when the shuttle came over Massachusetts.

It came over last night at 6:08, just when my Palm, running Jim Berry's PocketSat said it would. I had my Palm out, and

watched the bright dot traverse the sky as the flashing box travelled down the arc on my Palm's screen. My wife and son, while they did manage to come outside briefly, (in response to my shouts of "Cool!" and "Wow, this is neat!") were somewhat less excited than I. :-)

If you have a Palm, and like doing satellite stuff, buying this program from Jim is the best use you can make of \$12.50. It's a bargain, and Jim has done a super job on it.

<http://www.emmgraphics.com/pilot/pocketsatinfo.html>

72,

Peter, KA1AXY

[I work for 3Com, and I bought my Palm through the employee discount plan. Just an enthusiastic user of Jim's software, for which I paid \$18]

Date: Wed, 16 Feb 2000 12:03:56 -0500
From: "Pete (N9SSA)" <n9ssa@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [63372] OT: Netiquette and subject lines suggestion
Message-ID: <4.2.2.20000216113057.00c55260@172.16.1.100>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Sorry to add to the mix on this. I totally understand both sides of the debate on list message volume (We've had 30+ messages on "time to unsubscribe"). While I'm not going to take on the QRP-L and QRP-F argument I would like to comment:

On a high volume list, there are a number of nice netiquette things we can do to make volume and reading more manageable.

Number one, in my book is subject lines. There's no hard, fast rule on this, but if we were to all use it, it would help us filter users, and speedy delete-key pressers get through the gobs of messages daily.

I would like to suggest the following subject like prefixes for use on this list:

General:

Q: Question

SUMMARY: Summary off-list answers to your list-posted question

OT: Off Topic

FS: For sale
WTB: Want To Buy

QRP-L specific:
HB: Homebrew
TECH: Technical
OP: Operating
FOX: Fox

Be sure to include the ":", so email filters can filter correctly.

For more good stuff, here's a link we should all read regarding the use of netiquette on listservs.

<http://www.fau.edu/netiquette/net/dis.html>

Remember - pressing the Delete key is pretty easy. You don't like the message? Delete it.

I hope this helps!

N9SSA - Pete Hoffswell
Holland, MI - EN62wt - 42.79N 86.15W
n9ssa@arrl.net <http://www.qsl.net/n9ssa>
QRP-L #2109

Date: Wed, 16 Feb 2000 12:18:50 EST
From: Macstein@aol.com
To: Shepherd@aol.com
Cc: qrp-l@lehigh.edu
Subject: [63373] [FOX] Re: FOX NW7DX
Message-ID: <9c.1ac8bb5.25dc35fa@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 2/16/00 12:07:34 PM Eastern Standard Time, Shepherd@aol.com writes:

> Those guys in FL don't count, there just like them pesky Texans, they hear
> everything. :-)
>
> 72, 73, oo's

> Dan, N8IE Kettering,Oh

Well, I heard THAT, Dan. (grin)

-MAC-

AF4PS

A Florida Swamp Rat

Date: Wed, 16 Feb 2000 12:19:15 EST
From: WB9MII@aol.com
To: qrp-l@lehigh.edu
Subject: [63374] For Listkeeper..others pls disregard
Message-ID: <b0.17897db.25dc3613@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I cannot seem to connect with the QRP-L Webpage...Please unsubscribe me from QRP-L. I didn't know a better way to ask. Thanks

Greg WB9MII

WB9MII@AOL.COM

Date: Wed, 16 Feb 2000 11:19:55 -0600
From: "George T. Baker" <w5yr@att.net>
To: rperkins@gte.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [63375] Re: Time to Unsubscribe?
Message-ID: <38AADC3B.B9BB3C2B@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Robert Perkins wrote:

To this day I am unable to

> comprehend how that system was such a burden that it was abandoned in short
> order.

Robert, I think that folks did not object so much to the notion of codifying subjects (still a good idea) as much as being directed to either do it "my way" or "hit the highway."

For example, I suggested that the list include an "Engineering" topic for

technical discussions of a general nature, but Chuck refused to add that one, for whatever reason. Based on his specific list of topics, there was no way that I could discuss, for example, the engineering and design aspects of transmission line tuners, impedance measurements, modulation techniques, etc. These are topics of ongoing interest to me which, I suppose, just did not interest Chuck at that time.

I think that the basic reason that the effort failed was that the QRP-L group has grown both in numbers and range of interests such that the list is no longer used solely for technical discussion as it was when originally started back in the mid-90's. A lot of the home-brewing that was standard in those days is now being done through kits, and other reflectors such as the Elecraft and TenTec lists have absorbed a lot of the technical discussion.

Most if not all of the other reflectors that now address QRP issues did not exist back then, so QRP-L was indeed a ground-breaker that provided a much needed resource. But, that was then and now is now.

In any event, the list contents still depend upon those who post to the list, and they are the ones who dictate what is technical, what is whimsical or amusing, and what is "not a good idea." And, maybe that is the way that it should be, rather than one individual attempting to direct all content to suit his own interests, however well-intentioned the aim.

72/73, George

Fairview, TX 30 mi NE Dallas in Collin county

Amateur Radio W5YR, in the 54th year and it just keeps getting better!

R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556

Date: Wed, 16 Feb 2000 09:28:34 -0800 (PST)

From: Monte Stark <ku7y@dri.edu>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [63376] Re: FOX NW7DX

Message-ID: <Pine.GS0.4.10.10002160927001.14700-1000000@rotor.dri.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

>

> Those guys in FL don't count, there just like them pesky Texans, they hear
> everything. :-)

>

Yep, just look at Bob and those SOC numbers....he had to get help when they got up higher than he could count!

: -)

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

Date: Wed, 16 Feb 2000 12:34:32 EST
From: Macstein@aol.com
To: ku7y@dri.edu, qrp-1@lehigh.edu
Subject: [63377] Re: FOX NW7DX
Message-ID: <9f.1e1a820.25dc39a8@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 2/16/00 12:30:09 PM Eastern Standard Time, ku7y@dri.edu writes:

> > Those guys in FL don't count, there just like them pesky Texans, they hear
> > everything. :-)
> >
>
> Yep, just look at Bob and those SOC numbers.....he had to get
> help when they got up higher than he could count!
>

Well, we have the advantage of going barefoot most of the year, but after all, a person only has a certain number of fingers and toes! (I forget how many, because I'm working on copying behind, and Ben was sending too darned fast!)

-MAC-
AF4PS

Whiners #5, SOC #28, HI-QRP #83, QRP-L #704....and I forget the rest, but remain a proud Florida Swamp Rat.

Date: Tue, 15 Feb 2000 20:04:58 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [63378] Re: Phased Vertical Antennas

Message-ID: <01bf7832\$fd87da20\$5cf0fc9e@ham.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Terry

There are much easier ways to phase verticals.
In volume 3 of the ARRL Antenna Compendium there is a very good and
effective continuous phasing unit. Simple to build too.
I've used mine for years to phase two vertical diamond loops on 40m with
great success.
73, Bob N6WG

Date: Wed, 16 Feb 2000 14:17:39 +0000
From: Goran Hosinsky <hosinsky@jet.es>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [63379] Re: Head copy
Message-ID: <38AAB183.B7CE1A24@jet.es>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I use Super Morse to record text on tape which I then listen to
during my hour drive to work. Curvy mountain road but nearly no
traffic.

You PICing hams out there: a trainer where you could download
text from the PC and play it up as CW with adjustable speed and
and pitch. It should have a very simple keyboard for handling with
one hand without looking:

stop - start - speed up - speed down - pitch up - pitch down.
When starting it should start at the beginning of the sentence being
played, not in the middle of it if that where it was stopped.
A repeat button that let you step back sentence by sentence would
be a nice touch and when downloading track should be kept so unsent
code is no written over.

73 Goran ea8yu

Date: Wed, 16 Feb 2000 09:02:37 -0800
From: Marv Fagenson <k6hcj@juno.com>
To: qrp-l@Lehigh.edu
Subject: [63380] hhhhhhhelp!!!!
Message-ID: <20000216.095325.-383471.0.k6hcj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I have Juno. Seems as tho whenever someone indicates a website to look at, Juno blanks out the address. Is it Juno, per se or am I not adjusting or clicking something in Juno set up?
It's frustrating when you point me to an interesting website and I can't find (see) the url.
tnx for ur help, 72
Marv Fagenson
k6hcj@Juno.com

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Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Wed, 16 Feb 2000 09:59:57 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [63381] OT: Time to Unsubscribe?
Message-ID: <Pine.GS0.4.10.10002160933010.14700-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

>
> is no longer used solely for technical discussion as it was when
> originally started back in the mid-90's.

This list was NEVER solely technical!

It was started as a place for QRPers to talk about QRP and it has grown since then..... One comment made when it moved from a news group to a mail server was that maybe we might get around 25 people to sign up and with time we might even hit 50!

(Remember IBM thinking that no one would EVER need more than 640K?) :-)

As people started to show more and more interest in building, Doug and Jim came along with NorCal and introduced the NC 40 and then the NC 40a and the race was on!

But soon it seemed that everyone was spending all their time on the computer talking about all the nice things they had made.

However, not enough time was being spent on the air!

That was why Chuck started the Fox Hunts. To get people on the air.

After all, what good are all the little radios if no one gets on the air and uses them?

Just a little history for those who might not know. :-)

I could live with a few subject names. Like someone just posted. They look good to me.

- > Q: Question
- > SUMMARY: Summary off-list answers to your list-posted question
- > OT: Off Topic
- > FS: For sale
- > WTB: Want To Buy
- > HB: Homebrew
- > TECH: Technical
- > OP: Operating
- > FOX: Fox

For example, TECH: could contain things like antennas, feedline calculations and etc. Might be used like this;

TECH: Antenna tuner measurements

OP: Contest ARRL DX QRP

Filters would work and people would know what the posts were all about.

All messages without one of the agreed-to major subject headers would go to the trash can.

Sure would save LOTS and LOTS of work for many.

And if it could be done on the server side, all non-conforming

posts would not even make it to each computer!

Anyone want to bet just how far this idea will go?

: -)

IMHO the greatest dis-service that can be done to the QRP movement is to try splitting it up into different lists.

Like what's happening with the SOC now? Have they become some kind of elitists that have to hide somewhere else?

OT: SOC (see how nice that would work?)

OK, back in my hole.....

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

Date: Wed, 16 Feb 2000 12:43:27 -0600
From: "Dennis Johnson" <djohn@dwx.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [63382] Oscilloscope
Message-ID: <009101bf78ad\$b89ae0\$9ec1cecf@dennisjohnson>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Any recommendations on a basic reference for teaching oneself how to use an oscilloscope?

Dennis Johnson, N0WA
n0wa@arrl.net

Date: Wed, 16 Feb 2000 13:44:26 -0500 (EST)
From: James Skalski <jskalski@localnet.com>
To: qrp-1@Lehigh.EDU

Subject: [63383] WTB 4.194304 crystal sets

Message-ID:

<Pine.LNX.4.20.0002161340530.1120-1000000@valhalla.valhalla.buffalo.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

I am building some filters. Before I order the crystals to grade them for use in cw and ssb filters I figure I might ask if anyone has done that.

The items are backordered at Mouser anyway.

4.194304 in hc/49 holders/ 12pf ? matched in sets of 6 or 8?

Anyone have any?

73,

Jim n2go

Date: Wed, 16 Feb 2000 10:43:43 -0800

From: "Bob Tellefsen" <n6wg@earthlink.net>

To: <qrp-l@Lehigh.EDU>

Subject: [63384] Re: Fox NW7DX

Message-ID: <01bf78ad\$c04a3fb0\$d0dbfc9e@ham.earthlink.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Ben

Thanks for the Fox contact.

You had a good signal down here on SF Bay.

This was the first time in a while where a single call got the fox immediately.

Hey, good for the ego.

73 and good luck, Ben

Bob N6WG

Date: Wed, 16 Feb 2000 14:06:21 -0500 (EST)

From: fred w2xn <w2xn@juno.com>

To: ku7y@dri.edu, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [63385] Re: FOX NW7DX

Message-ID: <386587087.950727981317.JavaMail.root@web30.pub01>

Mime-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hee Hee Hee, I detect some jealousy.... Hee Hee Hee.

Signed,
Fred w2xn (one of those FL guys who don't count - a fellow Swamp Rat)

[grin 8^)]

-----Original Message-----

From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: February 16, 2000 5:28:34 PM GMT
Subject: Re: FOX NW7DX

>
> Those guys in FL don't count, there just like them pesky Texans, they hear
> everything. :-)
>

Yep, just look at Bob and those SOC numbers.....he had to get
help when they got up higher than he could count!

:-)

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
.....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

Date: Wed, 16 Feb 2000 11:27:03 -0800
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, "BenNW7DX@aol.com"
<BenNW7DX@aol.com>, rfoltz@turbonet.com
Subject: [63386] QRQ Net Sentences.
Message-ID: <38AAFA07.983B6C29@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

These are the practice sentences for this week.

(Ben, can you forward to Barney? I misplaced his email address....)

Practice daily and air them out on the net during your turn.

QRQ NET, Sunday 7 PM PACIFIC, 7039 KHz.
(Monday 0300Z UTC)

- #1. The Smith chart is a sophisticated impedance and admittance graph.
- #2. Balance with respect to ground is essential in RF Bridges.
- #3. The Ferrite Candelabra Balun can work satisfactorily to 1 GHz.

See you then.

72/Ed we6w

--

-72/Ed WE6W; A-1 OP; SOC #63 "AGN?"; QRP-L#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275 Old NC#2227

Date: Wed, 16 Feb 2000 11:29:51 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [63387] Re: WTB 4.194304 crystal sets
Message-ID: <01bf78b4\$31bc1780\$72f2fc9e@ham.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jim

Dan's Small Parts has advertised matched crystal sets in the past.
Don't know if he has that specific crystal, but you could check with him.
73, Bob N6WG

Date: Wed, 16 Feb 2000 14:34:01 EST

From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu
Subject: [63388] O-SCOPE HOW TO USE SITE
Message-ID: <49.1292ca9.25dc55a9@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

CHECK THIS OUT FOR O-SCOPE USE INFO <http://www.g3ycc.karoo.net/>

ALAN KB7MBI

Date: Wed, 16 Feb 2000 13:38:43 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [63389] Black Cat Operating event
Message-ID: <Pine.LNX.3.95.1000216132727.20746A-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I received a very nice piece of mail today....it was a QSL from W1AW along with a beautiful certificate marking the contact between VE5QRP and Ed Hare (W1RFI) who was running a Tuna Tin 2 from headquarters...this brought back the memory of the contact.....Ed & I made the 2XCW/qrp contact just as the band was "going out" between here and there on 20 mtrs.....we just barely made it as the propagation door was closing...this is just one of the many "awards" (good feelings) one can experience while doing the QRP "thing".....I, for one, am so very glad I have discovered the QRP part of our hobby and I will keep on reaping the "rewards" until I become a Silent Key in the far future....thanks for being there and doing this Ed!

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Wed, 16 Feb 2000 14:42:43 -0500
From: Wayne A Smith <k8ff@juno.com>
To: qrp-1@lehigh.edu
Subject: [63390] re:FS MINT HW-9
Message-ID: <20000216.144307.8046.2.k8ff@juno.com>

The rig has been sold. Thanks to all that replied!

72, Wayne K8FF

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 16 Feb 2000 11:54:42 -0800

From: Norm Melick <henmel@worldnet.att.net>

To: djohn@dwx.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [63391] Re: Oscilloscope

Message-ID: <38AB0082.3A3F6A07@worldnet.att.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I'd take a look at this.

<http://www3.ncsu.edu/ECE480/scope1.htm>

Norm/KQ6SD

Date: Wed, 16 Feb 2000 12:58:41 -0700

From: "Mugleston, Brad" <brad.mugleston@gwl.com>

To: qrp-1 <qrp-1@lehigh.edu>

Subject: [63392] New Tests

Message-ID: <F9645092A142D3118CBD00805F15292E064A5A40@eb-mail1.gwl.com>

MIME-Version: 1.0

Content-Type: text/plain

I read that the new question pool is out. Does anyone know where I can get a copy to download? I'm working with some boy scouts and it would be great to get a head start on their studying.

de KI00T, Brad

Date: Wed, 16 Feb 2000 15:02:05 -0500

From: Kenneth Hogleund <hoglund@wfu.edu>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [63393] OP: 10 meter frequencies?
Message-ID: <38AB023D.C95A4650@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ok, could be HB, but since I'm piecing together a N7KSB transmitter for 10 meters, I need to order some crystals. So are there any spots on the dial qrp'rs are gathering besides the usual cw spot? Anyone working above 28.150 but below the beacons?

Ken
KG4FGC

Date: Wed, 16 Feb 2000 15:02:29 EST
From: Shephed@aol.com
To: qrp-1@lehigh.edu
Subject: [63394] Re: FOX NW7DX
Message-ID: <4d.16a2fb8.25dc5c55@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 02/16/2000 2:08:14 PM Eastern Standard Time, w2xn@juno.com writes:

> Hee Hee Hee, I detect some jealousy.... Hee Hee Hee.
>
> Signed,
> Fred w2xn (one of those FL guys who don't count - a fellow Swamp Rat)
>
> [grin 8^)]
Oh, just a little bit. :-)

72, 73, oo's
Dan, N8IE Kettering, Oh
FPqrp #-6, QRP-1 #1404, FISTS #4985, Zombie #667
<http://members.aol.com/shephed/n8ie.htm>

Date: Wed, 16 Feb 2000 14:04:22 -0600
From: "Cla KA0GKC" <ka0gkc@arrl.net>
To: <nestoji@home.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, "Ham-Pic List" <ham-pic@qth.net>
Subject: [63395] Re: QRP wattmeter from the PIC SWR meter

Message-ID: <02f701bf78b9\$04d34220\$0200000a@aplitech>

I've quoted Jim's entire message below because I've also copied this reply to the Ham-Pic list. Jim has related three problems.

1. Resolution with the 8-bit A/D of the Pic.

This is really not a problem if you program the PIC to be auto-ranging. Using an op-amp, a FET, a few resistors, a couple trim pots and one output line you can auto-range a 1W and 10W forward scale. Then three digits would display 1 mW to 999mW over that power it would be 1.00W to 9.99W. Plenty good for QRP. The FET is used to change the gain of the op-amp and the op-amp provides a convenient way to "calibrate" the voltage readings.

2. Diode detectors are not linear.

Refer to the article in QST Feb. 1990 page 19 "A Simple and Accurate QRP Directional Wattmeter". This is the circuit the WM-1 and WM-2 are based on. Here the diode detector is replaced with a "precision diode detector", an op-amp circuit that compensates for the non-linearity of the diode. It's not perfect but quite close enough for QRP and will eliminate the need for a lookup table.

So now with the addition of a quad CMOS low power op-amp and a small hand full of addition parts you can get accurate voltage readings for both forward and back, no need for a lookup table and three digit display of power.

I admit a 10-bit A/D would be better. The above scheme would result in the higher readings jumping 8 counts, as in 991mW then 999mW. This is due to the squaring of the voltage reading. Even the 10-bit A/D would miss a digit once in awhile starting about 400mW and finally be skipping two digits by about 900mW.

But I think the 8-bit scheme would be close enough.

Hope this Helps and 73 de Cla KA0GKC

----- Original Message -----

From: "Jim Nestor" <nestoji@home.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Monday, February 14, 2000 18:22 PM

Subject: Re: QRP wattmeter from the PIC SWR meter

|

| From: Deitz, Harold L. <hdeitz@ms.rose.cc.ok.us>

| > In December QST article on the PIC SWR meter, I believe that the meter

| > already measures forward and reflected power and then makes the

calculations

> for SWR. How much trouble and how would one go about making it read out
> forward and reverse power in watts or milliwatts? Three digits would be
> nice.

>

> Hal

Hal,

I am working on a similar project right now and will offer my 2 cents worth.

Yes, the QST Pic is reading both forward and reflected power first,
computing and displaying SWR.

It is my plan to display forward power, SWR, and an "analog" bargraph of
reflected power to make it easier to tune for minimum reflected.

There are some problems to overcome. First of all, the Analog-to-Digital
(A/D) converters in the Pic are 8-bit devices.

Best case, they measure from 0 to 5vdc spread out across 255 increments. If
you try to cover the range from a few milliwatts to a full gallon 5W,
you don't get enough granularity for your 3-digit accuracy.

Additionally, most diode detector type sensors are not very linear.

I just ran some tests yesterday using a resistive type bridge sensor with a
1N34A diode. I used the adjustable power output of my K2 (Field Test #81)
for the source, and measured the output from the diode with a decent digital
voltmeter. I took FWD & REF readings at 10mw, 1w, 2w, 3w, 4w, and 5w.
I loaded the values into Excel and graphed the results.

I discovered two things, (1) my K2 metering is not linear either, and (2)
the computed SWR for a 100 ohm resistor load varied from 1.50 to 1.65.
BTW, I checked the K2's readings against a Welz meter which has 0-2 & 0-20w
scales and has proven pretty accurate, and used the Welz values.

The bottom line is that the difference between an SWR of 1.5 and 1.6 is
insignificant, so the SWR reading is OK.

In order to make the FWD Power readings more linear and meaningful will
require taking lots of measurements and building a lookup table into the Pic
software. I plan to work on that in the near future and will be glad to let
you know my findings.

I hope eventually to produce a Pic power meter which will be small, cheap,
and accurate to within a few milliwatts over a range of 10mw to 5w. I will
likely have to move up to a different Pic, such as the 16F876 which has
10-bit A/D converters.

|
| 72,
|
| Jim, WK8G
| nestoji@home.com
|
|

Date: Wed, 16 Feb 2000 13:59:41 -0600
From: Richard Matthews <prm@hiwaay.net>
To: brad.mugleston@gwl.com, qrp-1@lehigh.edu
Subject: [63396] Re: New Tests
Message-ID: <3.0.1.32.20000216135941.00c16100@hiwaay.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I also read that anyone who has ever held a novice class amateur license can claim credit for passing the 5wpm cw test and not have to be retested for future licensing.

Richard

At 12:58 PM 2/16/00 -0700, you wrote:
>I read that the new question pool is out. Does anyone know where I can get
>a copy to download? I'm working with some boy scouts and it would be great
>to get a head start on their studying.
>
>de KI00T, Brad
>
>

Date: Wed, 16 Feb 2000 15:12:03 -0500
From: Thomas Isgro <k8cz@concentric.net>
To: brad.mugleston@gwl.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [63397] Re: New Tests
Message-ID: <38AB0493.4AD2@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mugleston, Brad wrote:

>
> I read that the new question pool is out. Does anyone know where I can get
> a copy to download? I'm working with some boy scouts and it would be great
> to get a head start on their studying.
>
> de KI00T, Brad

www.arrl.org/arrlvec/pools.html

73 Tom K8CZ

Date: Wed, 16 Feb 2000 15:23:23 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [63398] OT: Re: Oscilloscope
Message-ID: <005801bf78bb\$c7f4f440\$9001a8c0@mikey>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Not just Norms pointer for the O-Scope, the site in general!!

Check out if you strip off the scope pointer at:

<http://www3.ncsu.edu/ECE480/>

----- Original Message -----

From: Norm Melick <henmel@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Wednesday, February 16, 2000 2:54 PM
Subject: Re: Oscilloscope

> I'd take a look at this.
>
> <http://www3.ncsu.edu/ECE480/scope1.htm>
>
>
> Norm/KQ6SD
>

Date: Wed, 16 Feb 2000 13:09:23 -0700
From: "Mugleston, Brad" <brad.mugleston@gwl.com>
To: Richard Matthews <prm@hiwaay.net>, qrp-1@lehigh.edu
Subject: [63399] RE: New Tests
Message-ID: <F9645092A142D3118CBD00805F15292E064A5A47@eb-mail1.gwl.com>
MIME-Version: 1.0
Content-Type: text/plain

Should be true. You are suppose to be given credit of all tests passed and to become a Novice you have the 5wpm. I think you still need to pass the 3 written to get to extra.

de KI00T, Brad

> -----Original Message-----
> From: Richard Matthews [SMTP:prm@hiwaay.net]
> Sent: Wednesday, February 16, 2000 1:00 PM
> To: brad.mugleston@gwl.com; qrp-1@lehigh.edu
> Subject: Re: New Tests
>
>
> I also read that anyone who has ever held a novice class amateur license
> can claim credit for passing the 5wpm cw test and not have to be retested
> for future licensing.
>
> Richard
>
> At 12:58 PM 2/16/00 -0700, you wrote:
> >I read that the new question pool is out. Does anyone know where I can
> get
> >a copy to download? I'm working with some boy scouts and it would be
> great
> >to get a head start on their studying.
> >
> >de KI00T, Brad
> >
> >

Date: Wed, 16 Feb 2000 15:27:59 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <prm@hiwaay.net>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [63400] Re: New Tests
Message-ID: <006601bf78bc\$5601b340\$9001a8c0@mikey>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've also heard some rumblings that way too. But while I don't have the actual rules handy, I seem to recall that in the ORIGINAL emails the only exclusion to normal license and CSCE expirations was limited to techs who can show they passed the GENERAL exam back before the Tech and General written diverged. Here it did NOT matter if the tech test expired, only that you had it.

Mike

> I also read that anyone who has ever held a novice class amateur
license
> can claim credit for passing the 5wpm cw test and not have to be
retested
> for future licensing.
>
> Richard
>
> At 12:58 PM 2/16/00 -0700, you wrote:
> >I read that the new question pool is out. Does anyone know where I
can get
> >a copy to download? I'm working with some boy scouts and it would be
great
> >to get a head start on their studying.
> >
> >de KI00T, Brad
> >
> >
> >
>

Date: Wed, 16 Feb 2000 15:18:40 -0500
From: Thomas Isgro <k8cz@concentric.net>
To: prm@hiwaay.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [63401] Re: New Tests
Message-ID: <38AB0620.1A9E@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Richard Matthews wrote:

>
> I also read that anyone who has ever held a novice class amateur license
> can claim credit for passing the 5wpm cw test and not have to be retested
> for future licensing.
>
> Richard
>
> At 12:58 PM 2/16/00 -0700, you wrote:
> >I read that the new question pool is out. Does anyone know where I can get
> >a copy to download? I'm working with some boy scouts and it would be great
> >to get a head start on their studying.
> >
> >de KI00T, Brad
> >
> >

True, but you must be able to demonstrate you have had the novice
license--like produce the original, or get a statement from the fcc that
you did at one time have a novice license.

Anyone above a current Tech plus should have 5wpm, just be able to
produce your current license.

Tom, K8CZ

Date: Wed, 16 Feb 2000 13:18:46 -0700
From: "Mugleston, Brad" <brad.mugleston@gwl.com>
To: k8cz@concentric.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [63402] RE: New Tests
Message-ID: <F9645092A142D3118CBD00805F15292E064A5A4E@eb-mail1.gwl.com>
MIME-Version: 1.0
Content-Type: text/plain

Thanks to everyone that responded. This is exactly what I needed.

Brad

> -----Original Message-----
> From: Thomas Isgro [SMTP:k8cz@concentric.net]
> Sent: Wednesday, February 16, 2000 1:12 PM
> To: brad.mugleston@gwl.com

> Cc: Low Power Amateur Radio Discussion
> Subject: Re: New Tests
>
> Mugleston, Brad wrote:
> >
> > I read that the new question pool is out. Does anyone know where I can
> get
> > a copy to download? I'm working with some boy scouts and it would be
> great
> > to get a head start on their studying.
> >
> > de KI00T, Brad
>
>
> www.arrl.org/arrlvec/pools.html
>
>
> 73 Tom K8CZ

Date: Wed, 16 Feb 2000 15:23:27 -0500
From: Thomas Isgro <k8cz@concentric.net>
To: brad.mugleston@gwl.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [63403] Re: New Tests
Message-ID: <38AB073F.15CD@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Here this link works:

<http://www.arrl.org/arrlvec/pools.html>

Tom, K8CZ

Mugleston, Brad wrote:
>
> I read that the new question pool is out. Does anyone know where I can get
> a copy to download? I'm working with some boy scouts and it would be great
> to get a head start on their studying.
>
> de KI00T, Brad

Date: Wed, 16 Feb 2000 12:23:53 -0800
From: "Wyman, Michael D" <michael.d.wyman@intel.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [63404] RE: FS: Sierra radio . . . I goofed his email address
Message-ID: <3D33CF40366DD111AC4100A0C96B22AC07A566C0@fmsmsx34.fm.intel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

> Hi all,

>

Sorry for the re post but I goofed his email address I apologize
for any inconvenience to the reflector . . .

His Email address is Safeway@cboss.com

> I am posting this for a close friend and fellow amateur K8AJR, John
> in Ohio. He has a Wilderness Sierra Transceiver with the following
> additions:

>

> The Buzz Not noise blanker installed

>

> The KC-2 freq display/keyer/power meter installed

>

> Frequency modules for 40m, 30m, 20m, 17m, 15m, and
> 10m.

>

> The Sierra was professionally build and is very clean.

> He is selling it because he now has a K2 and the Sierra is sitting
> on the shelf. He said he would rather have it being enjoyed by another
> QRP'er.

>

> He is asking \$375 for the complete set up plus shipping.

>

>

>

> Please respond to him, not me at the following Email:

>

>

> Safeway@cboss.com (this is wrong)

>

Should be Safeway@cboss.com

>

> Thanks for the
> bandwidth all,
>
> 72 de Mike Wyman
> W1DRY
> K2 Field
> tester 019 and #397

Date: Wed, 16 Feb 2000 20:25:56
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [63405] FS: RAC CycleMaster PC Board Kit & Optical Encoder
Message-ID: <200002162024.0AA04935@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Includes:

Kit BK - 178 Four Digit Display and Key Matrix
Kit BK - 179 Four Digit Frequency Controller
Kit BK - 180 Integrator
HRPG-ASCA-#14 Optical Shaft Encoder 128 PPR Quadrature

Kits have had parts inventoried but are otherwise unbuilt.
Full documentation as supplied by RAC. PCBs are solder
masked and silkscreened and look to be of the quality of
those in the OHR and later NORCAL kits.

\$80 shipped CONUS

An artical on this by the designer, Lee Richey, WA3FIY
appeared in the September 1997 QST, page 37.

>From the instructions Introduction:

"...useful for...building digital features into home built or
commercial radios, stabilizing analog function generators,
or interfacing with existing voltage tuned rigs to provide a
digital home station. Frequency readout can be displayed
with any I.F. offset, binary prescaler or postscaler (1, 2, 4,
or 8), and can accomodate both normal and reverse tuning.
The only requirement is that the input frequency be less
than 50 MHz.

Advanced features include multiple VFOs, RIT, automatic shaft encoder rate adjustment, continuous real time tuning, sixteen programmable display offsets, thirty-two general purpose register memories, internal diagnostic modes, "anti-jitter code" which eliminates last digit jitter, and transmit/receive sequencing.

The frequency controller requires 9 to 12 volts DC. Current requirements vary with operating frequency and status of the display. At 5 MHz, the operating current is approximately 100mA with the display active. ..."

Date: Wed, 16 Feb 2000 15:28:38 -0500
From: Dennis/WR4i <wr4i@mindspring.com>
To: qrp-1@lehigh.edu
Subject: [63406] 12V Gell Cell v. 13.8v power supplies?
Message-ID: <38AB0876.4698C7BA@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dear Fellow Hams et.al.

Why is it that (most) ham rigs are designed to work at 100% with 13.8v power

supplies hooked to mains yet Gel Cell manufacturers only offer 12v batteries? In other words, why don't they offer an 11 or 12 cell model (1.25 x

11)? By the time you apply a load the 12v usually drops to 12.2 and below depending on the quality of your gell cell. The "extra" cell would give an edge here.

70 Trees,
Dennis/WR4i

Date: Wed, 16 Feb 2000 12:23:07 -0800 (PST)
From: Curt Milton <wb8yyy@yahoo.com>
To: hoglund@wfu.edu, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [63407] Re: OP: 10 meter frequencies?
Message-ID: <20000216202307.22282.qmail@web2001.mail.yahoo.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

The most active spot is definitely 28.060 ... i worked a lot of folk there during the FYB0, and also several rag chew QRP QSO's. compared to 10 years ago, there is much less CW activity in the 28.1 - 28.2 region.

for 10 meters, i think you can make lots of QSO's QRP but for most fun a VFO rig covering 28.000 to 28.080 would be more ideal. VXO is an alternative, but this requires a fundamental mode crystal and might require a superhet oriented design ... note the mini-pig design using a 20 MHz VXO mixed with an 8 MHz xtal source.

curt wb8yyy

--- Kenneth Hoglund <hoglund@wfu.edu> wrote:
> Ok, could be HB, but since I'm piecing together a
> N7KSB transmitter for
> 10 meters, I need to order some crystals. So are
> there any spots on the
> dial qrp'rs are gathering besides the usual cw spot?
> Anyone working
> above 28.150 but below the beacons?
>
> Ken
> KG4FGC
>

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Wed, 16 Feb 2000 12:37:34 -0800
From: Jeff Grudin <grudin@vdbs.com>
To: qrp-l@lehigh.edu
Subject: [63408] FYB0 Story is moved
Message-ID: <38AB0A8E.BAC138DA@vdbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I doubt if anybody would notice, but just in case, I have redone my whole website and the story on FYB0 2000 has moved.

It is at: <http://www.vdbs.com/~grudin/fybo00/fybo00.html>

If you go to my main page listed below, come on in and go to the other web pages link, you can see the new frames and some other QRP Adventures that I have had.

--

73 de AC6KW <<mailto:grudin@vdbs.com>>
Jeff Grudin, DVM Web Add: <http://www.vdbs.com/~grudin>
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

Date: Wed, 16 Feb 2000 14:51:12 -0600
From: "Dennis Johnson" <djohn@dwx.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [63409] Oscilloscope
Message-ID: <007701bf78bf\$90220ae0\$97c1cecf@dennisjohnson>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to everyone for the quick replies and extremely useful information.
Received several URL's as well as copies of Paul Harden's series. I really appreciate it. Now ... back to work with me.

73/72

Dennis, NOWA

Date: Wed, 16 Feb 2000 16:09:25 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <wr4i@mindspring.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [63410] OT: Re: 12V Gell Cell v. 13.8v power supplies?
Message-ID: <00c201bf78c2\$32986560\$9001a8c0@mikey>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just ask yourself the following question...

Is 'nominal 12v' equipment really designed to operate on batteries, or is it designed to operate in a vehicle?

And before you answer, consider that how you get somewhere is sometimes more important than where you actually are. Now think that over the years, the first 'battery' equipment that was at 12v was pretty much tube equipment, and high current, and not really for 'portable' operation. Transportable is more like it. I have a Swan 500C that has a 12v chopper for vehicle operation. The rig draws about 40 amps in the tune position... What else besides an operating vehicle system is practical for that?

The bottom line is I don't think the manufacturers of 'equipment' cared at all about batteries, at least compared to a 'mobile' environment. And the manufacturers of batteries had a 'different' standard they were designing too.

But there may be an actual answer to your question. Since cells are offered commonly in 'ratings' of 6v, 12v, and 24v, it's possible to have 6v cells with odd numbers of internal cells. But 12v and 24v batteries are always 'multiples' of the 6v cell. With a 6v cell, the granularity of an extra internal cell shoves it just too high to meet the normal 6v output rating. (And they DO actually make 'overvoltage' batteries... Both at 12v (7 internal cells being 15.2 I think) and 24v (I'm not sure on this one) but they are NOT generally available to the public. You will pay a hefty premium for one. Just remember, it will be pretty much a unique order for a store, and probably passed on at list price! You're just considering the 'common' batteries because, well, they are common!)

Want a more appropriate question? Why does a 9v nicad only have 7.2v? In that case, an extra internal cell would have been 8.4, still under the 9v nominal limit (but it would have reduced the Ah rating). Was the consideration of the 6:5 ratio of nominal alkaline to nicad cells that important to maintain?

Mike
N1DVJ

> Dear Fellow Hams et.al.
> Why is it that (most) ham rigs are designed to work at 100% with 13.8v
> power
> supplies hooked to mains yet Gel Cell manufacturers only offer 12v
> batteries? In other words, why don't they offer an 11 or 12 cell model
> (1.25 x
> 11)? By the time you apply a load the 12v usually drops to 12.2 and

> below depending on the quality of your gell cell. The "extra" cell
would
> give an edge here.
> 70 Trees,
> Dennis/WR4i

Date: Wed, 16 Feb 2000 14:56:56 -0600
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [63411] QRP Moonbounce
Message-ID: <0974781F4FC8D211A24600902727E806011B1ECF@saturn.rose.cc.ok.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

All,

It occurred to me that the 5 watt level that we all think of as QRP was
arbitrairally agreed upon at one time. That was at a time when most
communications were being done with terrestrial stations using the
ionisphere as a propagation means. I think this is a good level for QRP
designation for this type of communications.

However, in the arena of moonbounce where it takes 1500 watts on frequencies
up to 432 Mhz to reflect a signal off of the moon some of the time, would it
not be fair to designate the 100 watt level as the QRP level for moonbounce?
There are times when contacts can be made with this power level, but it
takes a very good antenna system and lots of skill. This would be in
keeping with the spirit of QRP. For the microwave frequencies, a different
power level might have to be designated. I know that there are contacts
being made with 100 watt and more power levels on 1.2 GHz and 2.3 GHz.
There are presently commercial amplifiers for these bands at reasonable
prices at this power level specifically designed for amateur radio use. It
is still a great effort to make contacts off of the moon.

Hal

Date: Wed, 16 Feb 2000 13:01:25 -0800 (PST)
From: Curt Milton <wb8yyy@yahoo.com>
To: wr4i@mindspring.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [63412] Re: 12V Gell Cell v. 13.8v power supplies?
Message-ID: <20000216210125.21729.qmail@web2002.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Well given that we are QRP'ers that dB fraction should not bother us ... hi hi.

Anway 12 volt batteries have been a standard for a long time. Modern rigs have/should be designed to operate off 12 volts with some margin ... the real question is why do power supplies typically supply this margin over battery capability? Part of the answer is to charge the battery, a higher voltage source is required.

Given that the issue with a gel cell is to provide lots of Amp hours, the issue of voltage is over what battery charge life a given voltage can be sustained at the given current load conditions.

A trend of industry has been to migrate to lower voltage designs, in part to reduce how many battery cells are required & also reduce power consumption. Its always good to check your rig design to see what it does with the 12 volts - whether it is regulated down for all or part of the circuitry. Example - the 38 special includes a regulator to supply 8 volts to all the circuits. However, the "PA mod" operates off 12 volts directly (or of course whatever the source is supplying).

I hope this helps. There is no diabolical conspiracy here to short change us.

curt wb8yyy

--- Dennis/WR4i <wr4i@mindspring.com> wrote:

> Dear Fellow Hams et.al.

> Why is it that (most) ham rigs are designed to work

> at 100% with 13.8v

> power

> supplies hooked to mains yet Gel Cell manufacturers

> only offer 12v

> batteries? In other words, why don't they offer an

> 11 or 12 cell model

> (1.25 x

> 11)? By the time you apply a load the 12v usually

> drops to 12.2 and

> below depending on the quality of your gell cell.
> The "extra" cell would
> give an edge here.
> 70 Trees,
> Dennis/WR4i
>

Do You Yahoo!?
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<http://im.yahoo.com>

Date: Wed, 16 Feb 2000 14:13:38 -0700
From: Bob Nielsen <nielsen@primenet.com>
To: qrp-l@lehigh.edu
Subject: [63413] Re: HTX-10 vs HTS-100
Message-ID: <20000216141338.B3279@bob.localnet>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

You might also consider the Uniden HR-2510 and HR-2600 (supposedly the HTX-100 was made by Uniden). These rigs have CW, SSB and FM and go for \$100-150 at swap meets. Chipswitch makes a replacement firmware PROM for these which adds some features. They can also be made to work on 12 meters with some effort using this PROM chip.

--
Bob Nielsen, N7XY (RN2) nielsen@primenet.com
Tucson, AZ DM42nh QRP-L #1985 SOC #77 <http://www.primenet.com/~nielsen>

Date: Wed, 16 Feb 2000 13:18:59 -0800 (PST)
From: Curt Milton <wb8yyy@yahoo.com>
To: hdeitz@ms.rose.cc.ok.us, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [63414] Re: QRP Moonbounce
Message-ID: <20000216211859.25048.qmail@web2002.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I have read what folk are doing in these pursuits so here goes.

QRP moonbounce - here ERP is the issue, that is antenna gain plus transmitter power. usually a "QRP" station with a low ERP works a station with a really

big antenna to make up for the "QRP." so whatever the designation is for "QRP" it would have to be in ERP. This is very different than our "style" of QRP.

Microwave - a lot of work is down at QRP levels - often milliwatts into gain antennas. with accurate pointing often high power is not needed given the large antenna gain. there are several folk on this list that operate this kind of QRP. Zach Lau of ARRL HQ (W1VT ? or is it N or K ...) has written many articles on this. This has a lot in common with the spirit of HF QRP. maybe i will try this someday.

curt wb8yyy

--- "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>

wrote:

> All,

>

> It occurred to me that the 5 watt level that we all
> think of as QRP was
> arbitrairally agreed upon at one time. That was at
> a time when most
> communications were being done with terrestrial
> stations using the
> ionisphere as a propagation means. I think this is
> a good level for QRP
> designation for this type of communications.

>

> However, in the arena of moonbounce where it takes
> 1500 watts on frequencies
> up to 432 Mhz to reflect a signal off of the moon
> some of the time, would it
> not be fair to designate the 100 watt level as the
> QRP level for moonbounce?
> There are times when contacts can be made with this
> power level, but it
> takes a very good antenna system and lots of skill.
> This would be in
> keeping with the spirit of QRP. For the microwave
> frequencies, a different
> power level might have to be designated. I know
> that there are contacts
> being made with 100 watt and more power levels on
> 1.2 GHz and 2.3 GHz.
> There are presently commercial amplifiers for these
> bands at reasonable

> prices at this power level specifically designed for
> amateur radio use. It
> is still a great effort to make contacts off of the
> moon.
>
> Hal
>

Do You Yahoo!?
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<http://im.yahoo.com>

Date: Wed, 16 Feb 2000 14:29:11 -0700
From: "Ron Smith" <resmith666@uswest.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [63415] Re: New Tests
Message-ID: <049f01bf78c4\$de1674c0\$02000000a@NET.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> True, but you must be able to demonstrate you have had the novice
> license--like produce the original, or get a statement from the fcc that
> you did at one time have a novice license.

True, but if I read the rules correctly the "proof" of license can be a copy
of a call book showing your Novice call or that you were in fact a
Technician class licensee prior to a given date. Nothing said about a
statement from the fcc.

Ron Smith - KD7VD - Boise, Idaho
WHINERS #7 SOC #47

Date: Wed, 16 Feb 2000 16:48:59 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [63416] OT: Credit for expired novice license
Message-ID: <00f601bf78c8\$796ad4e0\$9001a8c0@mikey>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Since this was just mentioned recently in an off-topic post....

I pulled the following from the ARRL web site:

"FCC Change Gives Morse Element Credit to Expired Novices
(February 11, 2000) -- Anyone who ever held a Novice ticket--expired
or otherwise--will be able to claim credit for Element 1, the 5 WPM
Morse code examination, under revised Amateur Radio licensing rules
going into effect April 15. The change was included in the version
of
the FCC's restructuring rules, published February 10 in The Federal
Register. "

The full story goes on to say that ONLY Novice and TECH licenses will
be treated this way. NO OTHER LICENSE CLASS will be considered.

But... In my mind, that means that if you had an old expired license of
ANY class from back then, it would show that you had AT LEAST the
novice, and probably the Tech, elements under your belt...

Mike
N1DVJ

Date: Wed, 16 Feb 2000 13:49:34 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Dennis/WR4i <wr4i@mindspring.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [63417] Re: 12V Gell Cell v. 13.8v power supplies?
Message-ID: <Pine.GS0.4.10.10002161341540.17973-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Dennis and All,

Way back almost to the good old daz', it was 6 volts that
was the "norm".

And positive ground for whatever that's worth!

Anyway, the 6 v was used for the tube heaters and a mechanical vibrator made the AC which was used to get the plate/screen voltages.

When 12 v cars/trucks became the "norm" radios were changed to work in them.

Then came all the 2 way radios.

All 12 vdc. But it was a 12 vdc car/truck SYSTEM that they were made for which means you really see 13.8 give or take a bit when the engine is running.

When the ham rigs came along people wanted to use them both in the car and in the house.

This dictated that the house DC supply needed to be around that 13.8 volt that was in the cars/trucks.

The airplane we have in the hanger has 12 volt batteries to power the 28 volt system! :-) At least that's what's in the external battery cart.

Hope this helps,

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....

Date: Wed, 16 Feb 2000 17:02:46 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <resmith666@uswest.net>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [63418] Re: New Tests
Message-ID: <010801bf78c9\$b2b79ac0\$9001a8c0@mikey>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The order I just read today indicates that you may be required

to show proof. It list certain proofs that are acceptable, but does not require those specific proofs.

Old call books or original licenses are listed as examples.

The FCC was listed as having a specific contact point for obtaining proof of license, and there was a company called ITS Inc that will do the research for a fee.

I sent off a letter to Ed at the ARRL suggesting they go back into their records and send to their VEs a list of last known callsigns KNOWN to be issued before the tech/general divergence in the written exams, as having a callsign 'under' this should show the holder has passed the old general test. BUT as I type this, I see I forgot something... Vanity calls... I suppose there is the possibility a new tech got a family members call. Oh well....

Mike

> > True, but you must be able to demonstrate you have had the novice
> > license--like produce the original, or get a statement from the fcc
that
> > you did at one time have a novice license.
>
> True, but if I read the rules correctly the "proof" of license can be
a copy
> of a call book showing your Novice call or that you were in fact a
> Technician class licensee prior to a given date. Nothing said about a
> statement from the fcc.
>
> Ron Smith - KD7VD - Boise, Idaho
> WHINERS #7 SOC #47
>
>
>
>

Date: Wed, 16 Feb 2000 10:10:30 -0600
From: Clifton W Sikes <ab5uacw@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [63419] New Call
Message-ID: <20000216.101031.3446.1.ab5uacw@juno.com>

Like so many others, I said I would never do it. As of today, I am N5UW.
If you want/need a QSL for AB5UA contacts, I have plenty.

Mom Fox, please get me on the tally sheet.

Wahoo, now to change everything.

Clif n5uw
Earlsboro, Ok (45 miles east of OKC)

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 16 Feb 2000 21:46:24 +0000
From: Larry Cahoon <wd3p@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [63420] Re: Tuna Tin QSO [Calculating Miles/Watt] - QSL Card QTH
Message-ID: <20000216.215242.4086.1.wd3p@juno.com>

On Wed, 16 Feb 2000 10:33:53 -0500 "Pete (N9SSA)" <n9ssa@arrl.net>
writes:
>I calculated the dist on my recent qso with n1odl. en62wt -> fn42gv
>
>Bearing 85.6358 degrees
>Distance 741.593 miles, 1193.4 km
>
>1483 miles per watt... woo woo! I think that's a new personal record.

Hi Gang,

Pete's message gives me a reason to fuss a bit given a QSL card I
got back recently. We are all in the game of miles per watt and the like.
Please everyone put your QTH on the card! House number street name if
you can. Sometimes all you can give is a PO Box. Lat./Long. are the best
thing to give if you know it. As a county hunter I like to see the county
on the card. Problems come up when all you have is the city, or state. If
you are operating portable - Field Day, FYOB, Flight of the Bumblebee,
QRP to the Field and the like, give the best description of the QTH you
can.

My solutions are to use Street Atlas to get the Lat./Long. if you
give me a street number/name. I use the same if you have a PO Box, using

the Zip code and place you as close to me as I can within the zip code to minimize the miles per watt. For the mobiles who only give me the county I use the Lat/Long of the part of the county closest to me.

Why fuss a bit? The worst example came from a card I got from a DX station operating in the US. All I know from his card is that he was somewhere in the US. From the QRP group I've gotten cards with nothing more than the state given for the QTH.

Back to the fun, 73 de Larry.....WD3P in MD

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<http://dl.www.juno.com/get/tagj>.

Date: Wed, 16 Feb 2000 17:11:50 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [63421] OT: For BRUCE!!!
Message-ID: <012e01bf78ca\$dba7d700\$9001a8c0@mikey>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bruce,

I tried responding to your email, but it just bounces...

If others are having this trouble, you may be having email problems.

I'm hesitant to post your entire email here...

Mike

Date: Wed, 16 Feb 2000 15:03:34 -0700
From: "Ron Smith" <resmith666@uswest.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [63422] Re: Credit for expired novice license
Message-ID: <04f001bf78c9\$ac185a60\$0200000a@NET.uswest.net>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mike, the proof is in the reading...

[Quote]

> "FCC Change Gives Morse Element Credit to Expired Novices
> (February 11, 2000) -- Anyone who ever held a Novice ticket--expired
> or otherwise--will be able to claim credit for Element 1, the 5 WPM
> Morse code examination, under revised Amateur Radio licensing rules
> going into effect April 15. The change was included in the version of
> the FCC's restructuring rules, published February 10 in The Federal
> Register. "

[End Quote]

I see the word NOVICE two times and Tech, General, Advanced, "or higher" -
zero times. This Morse Element Credit is ONLY for expired Novices.

To put it another way, you wouldn't buy a computer program written to work
on an Amiga and expect it to run on a PC -- after all -- the box did NOT say
it would work with a PC, only said Amiga.

72 my friend...

Ron Smith - KD7VD - Boise, Idaho
WHINERS #7 SOC #47

Date: Wed, 16 Feb 2000 16:04:21 -0600
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [63423] Bruce
Message-ID: <0974781F4FC8D211A24600902727E806011B1ED7@saturn.rose.cc.ok.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I tried to send you one too and it came back.

Hal

Date: Tue, 15 Feb 2000 17:11:04 -0500
From: "Scott E. Olitsky" <solitsky@acsu.buffalo.edu>
To: <hdeitz@ms.rose.cc.ok.us>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [63424] Re: QRP Moonbounce
Message-ID: <004301bf7801\$e3759ea0\$41e9cd80@Home.buffalo.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A major consideration is the antenna at the other end. I have worked W5UN with 50 watts and my 18dB 2 meter array. Dave has a very large and impressive array. There are very few, if any, other stations that I could have worked with that power. This issue is of course true for all areas of qrp but the magnitude of signal loss that has to be made up on the other end for a "small" eme station is enormous. I viewed that contact as an indication of just how good his antenna, and receiving skills were more than anything I was doing.

Scott
AC3A

-----Original Message-----

From: Deitz, Harold L. <hdeitz@ms.rose.cc.ok.us>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Wednesday, February 16, 2000 3:58 PM
Subject: QRP Moonbounce

>All,

>

>It occurred to me that the 5 watt level that we all think of as QRP was
>arbitrarily agreed upon at one time. That was at a time when most
>communications were being done with terrestrial stations using the
>ionosphere as a propagation means. I think this is a good level for QRP
>designation for this type of communications.

>

>However, in the arena of moonbounce where it takes 1500 watts on
frequencies

>up to 432 Mhz to reflect a signal off of the moon some of the time, would
it

>not be fair to designate the 100 watt level as the QRP level for
moonbounce?

>There are times when contacts can be made with this power level, but it
>takes a very good antenna system and lots of skill. This would be in
>keeping with the spirit of QRP. For the microwave frequencies, a different
>power level might have to be designated. I know that there are contacts
>being made with 100 watt and more power levels on 1.2 GHz and 2.3 GHz.
>There are presently commercial amplifiers for these bands at reasonable
>prices at this power level specifically designed for amateur radio use. It
>is still a great effort to make contacts off of the moon.

>
>Hal
>

Date: Wed, 16 Feb 2000 14:17:38 -0800
From: Rich Wilkerson <richqrp@home.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [63425] Which FCC address
Message-ID: <38AB2202.39CAA118@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Which address do you use to send in your 605 form?

--

72's & 73's
Rich Wilkerson, Santee, Ca
WD6FDD

Date: Wed, 16 Feb 2000 16:57:25 -0600
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [63426] RE: Bruce Muscolino
Message-ID: <0974781F4FC8D211A24600902727E806011B1ED9@saturn.rose.cc.ok.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

You da one, baby.

Hal

-----Original Message-----

From: Bruce Muscolino [mailto:"Bruce Muscolino"@erols.com]
Sent: Wednesday, February 16, 2000 4:59 PM
To: hdeitz@ms.rose.cc.ok.us

Subject: Re: Bruce

Hal,

Which Bruce? There are more than one. If it is me I will try to work it out with my ISP. However, messages are getting thru! Maybe only the public ones!

73

Date: Wed, 16 Feb 2000 18:01:37 -0500
From: "Michael Bower - N4NMR" <bowerm@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [63427] Re: Credit for expired novice license
Message-ID: <011e01bf78d1\$c7ffeec0\$0100a8c0@dadsmachine>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I read it that a tech plus dated prior to the date would get you the general upgrade because that shows that you took the general written (and passed!) but didn't have the 13wpm credit.

----- Original Message -----

From: Mike Yetsko <myetsko@insydesw.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Wednesday, February 16, 2000 4:48 PM
Subject: OT: Credit for expired novice license

> Since this was just mentioned recently in an off-topic post....
>
> I pulled the following from the ARRL web site:
>
>
> "FCC Change Gives Morse Element Credit to Expired Novices
> (February 11, 2000) -- Anyone who ever held a Novice ticket--expired
> or otherwise--will be able to claim credit for Element 1, the 5 WPM
> Morse code examination, under revised Amateur Radio licensing rules
> going into effect April 15. The change was included in the version
> of
> the FCC's restructuring rules, published February 10 in The Federal
> Register. "
>

> The full story goes on to say that ONLY Novice and TECH licenses will
> be treated this way. NO OTHER LICENSE CLASS will be considered.
>
> But... In my mind, that means that if you had an old expired license of
> ANY class from back then, it would show that you had AT LEAST the
> novice, and probably the Tech, elements under your belt...
>
> Mike
> N1DVJ
>
>
>
>
>

Date: Wed, 16 Feb 2000 17:57:35 -0500
From: Thomas Isgro <k8cz@concentric.net>
To: resmith666@uswest.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [63428] Re: New Tests
Message-ID: <38AB2B5F.441B@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Anything that proves you have passed the 5 wpm will do.

Tom K8CZ

Ron Smith wrote:

>
> > True, but you must be able to demonstrate you have had the novice
> > license--like produce the original, or get a statement from the fcc that
> > you did at one time have a novice license.
>
> True, but if I read the rules correctly the "proof" of license can be a copy
> of a call book showing your Novice call or that you were in fact a
> Technician class licensee prior to a given date. Nothing said about a
> statement from the fcc.
>
> Ron Smith - KD7VD - Boise, Idaho
> WHINERS #7 SOC #47

End of QRP-L Digest 1733

